Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057372.D
Acq On : 10 May 2023 16:52
Operator : CG/JU
Sample : PB152684BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 10 23:40:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

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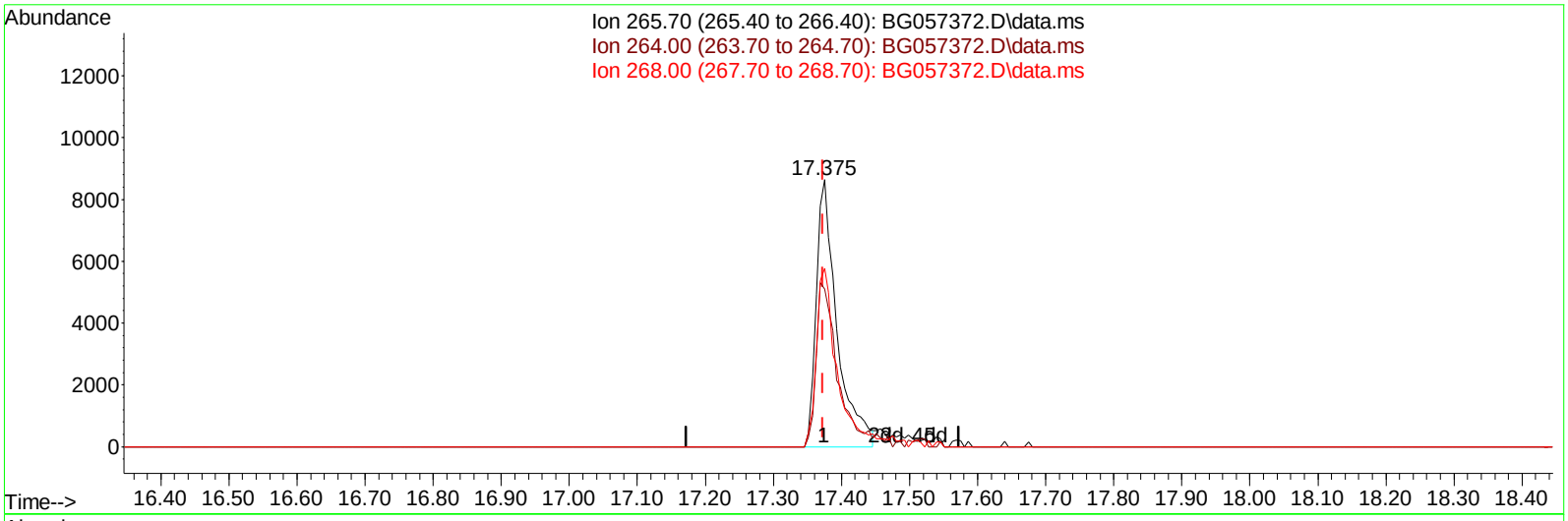
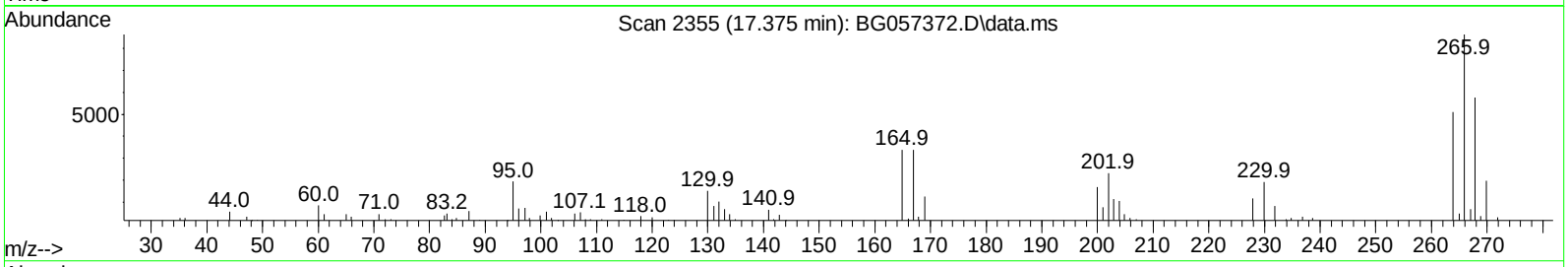
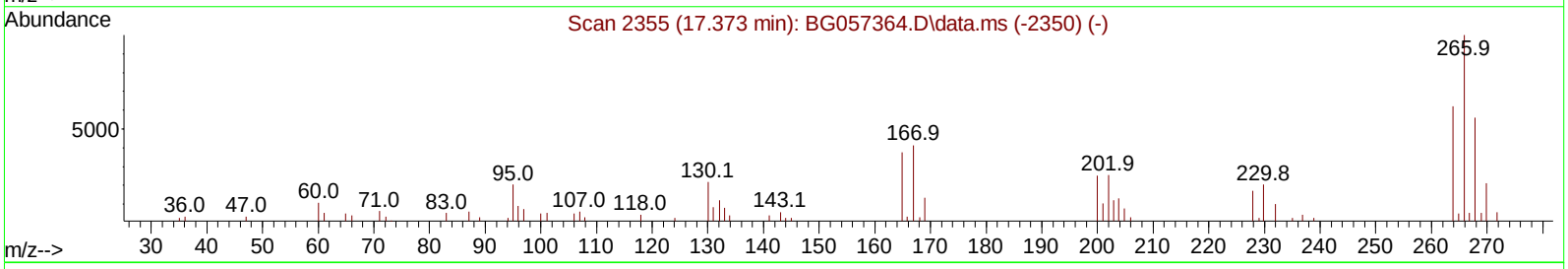
Supervised By :Jagrut Upadhyay 05/11/2023







TIC: BG057372.D\data.ms

(71) Pentachlorophenol (C)

17.375min (+ 0.002) 25.29 ng/ul

response 18127

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	59.10
268.00	60.30	66.81
0.00	0.00	0.00

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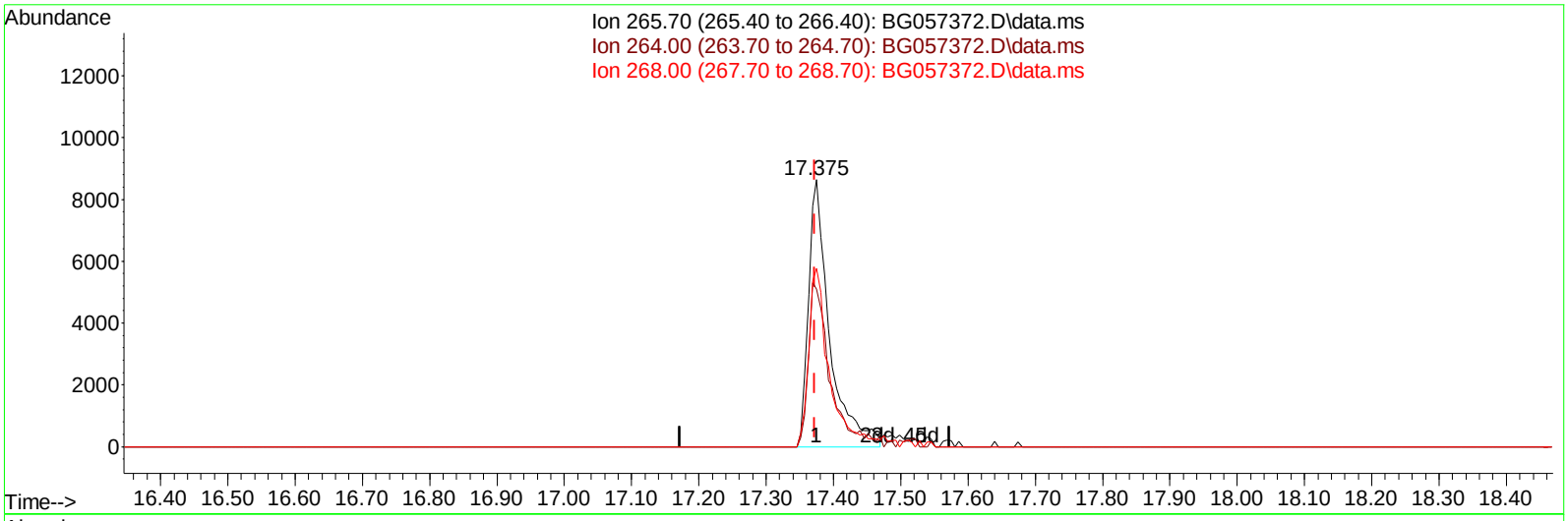

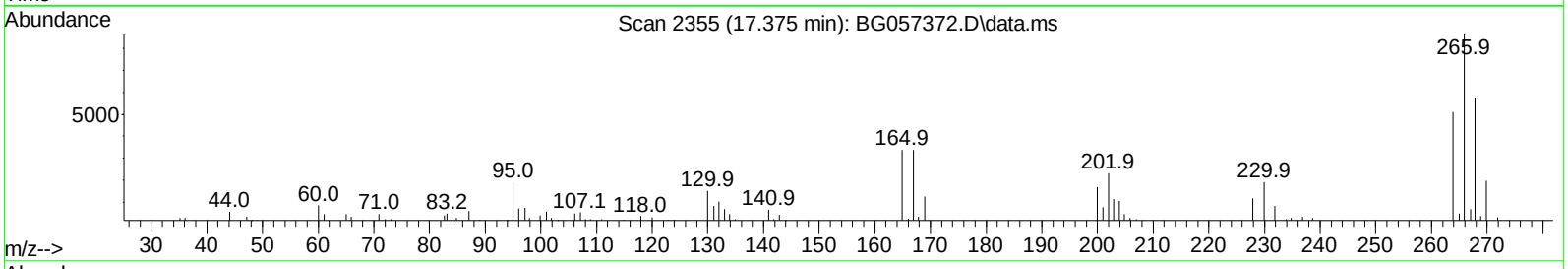

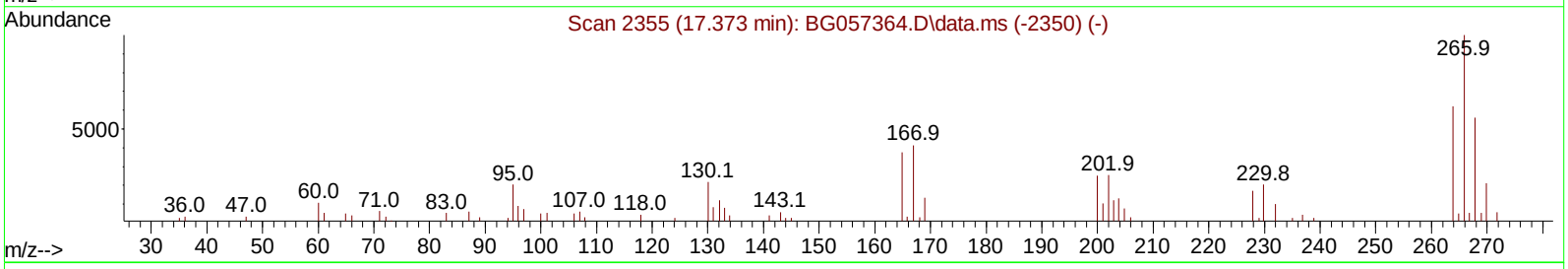

TIC: BG057372.D\data.ms

(71) Pentachlorophenol (C)

17.375min (+ 0.002) 26.18 ng/ul m

response 18765

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	59.10
268.00	60.30	66.81
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15309	20.000	ng/ul	0.00
20) Naphthalene-d8	11.201	136	64243	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.978	164	49838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.722	188	123227	20.000	ng/ul	0.00
79) Chrysene-d12	22.033	240	115521	20.000	ng/ul	# 0.00
88) Perylene-d12	25.540	264	122483	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	2096	6.025	ng/uL	0.00
4) Pyridine-d5	4.087	84	31034	28.296	ng/ul	0.00
7) Phenol-d5	7.506	99	45111	31.159	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.670	67	25385	29.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.894	132	31503	33.019	ng/ul	0.00
15) 4-Methylphenol-d8	9.069	113	35328	32.105	ng/ul	0.00
21) Nitrobenzene-d5	9.544	128	16415	32.085	ng/ul	0.00
24) 2-Nitrophenol-d4	10.273	143	20051	33.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	40173	34.875	ng/ul	0.00
31) 4-Chloroaniline-d4	11.330	131	42221	27.654	ng/ul	0.00
46) Dimethylphthalate-d6	14.367	166	132334	33.511	ng/ul	0.00
49) Acenaphthylene-d8	14.679	160	147712	33.280	ng/ul	0.00
54) 4-Nitrophenol-d4	15.166	143	17196	29.915	ng/ul	0.00
60) Fluorene-d10	15.965	176	121910	33.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.089	200	24392	33.409	ng/ul	0.00
73) Anthracene-d10	17.816	188	186496	33.157	ng/ul	0.00
81) Pyrene-d10	20.083	212	227812	33.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.300	264	212688	34.084	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	4610	12.495	ng/uL	95
5) Pyridine	4.111	79	31797	27.502	ng/ul	90
6) Benzaldehyde	7.494	77	27622	62.467	ng/ul	86
8) Phenol	7.535	94	46130	31.613	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.764	93	32726	29.965	ng/ul	94
12) 2-Chlorophenol	7.929	128	33465	33.394	ng/ul	95
13) 2-Methylphenol	8.804	108	35699	31.567	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.886	45	39647	28.157	ng/ul#	94
16) Acetophenone	9.192	105	59387	31.364	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.168	70	32002	29.411	ng/ul	94
18) 4-Methylphenol	9.133	108	38921	31.796	ng/ul	95
19) Hexachloroethane	9.462	117	13787	32.882	ng/ul	97
22) Nitrobenzene	9.586	77	47837	31.400	ng/ul	97
23) Isophorone	10.108	82	87780	30.284	ng/ul	96
25) 2-Nitrophenol	10.302	139	20763	34.333	ng/ul	97
26) 2,4-Dimethylphenol	10.349	107	42145	30.721	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.578	93	48165	31.967	ng/ul	98
29) 2,4-Dichlorophenol	10.843	162	39312	35.954	ng/ul	96
30) Naphthalene	11.254	128	117141	33.210	ng/ul	97
32) 4-Chloroaniline	11.360	127	40851	25.680	ng/ul	100
33) Hexachlorobutadiene	11.524	225	31568	34.040	ng/ul	95
34) Caprolactam	12.106	113	12569	34.147	ng/ul	92
35) 4-Chloro-3-methylphenol	12.452	107	43491	34.570	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.828	142	85447	33.033	ng/ul	99
37) 1-Methylnaphthalene	13.046	142	88491	34.022	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.192	216	63100	34.840	ng/ul	96
40) Hexachlorocyclopentadiene	13.163	237	13712	15.171	ng/ul	97
41) 2,4,6-Trichlorophenol	13.427	196	36327	34.440	ng/ul	99
42) 2,4,5-Trichlorophenol	13.504	196	39190	34.605	ng/ul	93
43) 1,1'-Biphenyl	13.815	154	125573	33.021	ng/ul	98
44) 2-Chloronaphthalene	13.868	162	98473	33.397	ng/ul	98
45) 2-Nitroaniline	14.068	65	29818	33.498	ng/ul	95
47) Dimethylphthalate	14.414	163	130880	33.003	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	28420	34.823	ng/ul	91
50) Acenaphthylene	14.708	152	148941	33.022	ng/ul	99
51) 3-Nitroaniline	14.878	138	24077	41.637	ng/ul	94
52) Acenaphthene	15.043	153	104195	32.423	ng/ul	99
53) 2,4-Dinitrophenol	15.102	184	10353	23.821	ng/ul	94
55) 4-Nitrophenol	15.184	109	19202	29.468	ng/ul	93
56) Dibenzofuran	15.372	168	154865	33.372	ng/ul	99
57) 2,4-Dinitrotoluene	15.337	165	41397	35.433	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.601	232	35569	34.565	ng/ul	99
59) Diethylphthalate	15.760	149	131934	32.746	ng/ul	99
61) Fluorene	16.018	166	130427	33.238	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.000	204	74652	32.594	ng/ul	99
63) 4-Nitroaniline	16.036	138	24853	45.385	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.100	198	24838	33.386	ng/ul	96
67) N-Nitrosodiphenylamine	16.212	169	109758	34.098	ng/ul	99
68) 4-Bromophenyl-phenylether	16.893	248	51963	35.281	ng/ul	97
69) Hexachlorobenzene	17.028	284	54915	35.407	ng/ul	97
70) Atrazine	17.146	200	39782	27.808	ng/ul	97
71) Pentachlorophenol	17.375	266	18765m	26.175	ng/ul	
72) Phenanthrene	17.763	178	219111	34.145	ng/ul	99
74) Anthracene	17.857	178	214174	33.226	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.792	216	63412	34.213	ng/uL	99
76) Pentachlorobenzene	15.295	250	64099	33.976	ng/uL	96
77) Carbazole	18.115	167	186747	34.667	ng/ul	99
78) Di-n-butylphthalate	18.632	149	217328	35.281	ng/ul	99
80) Fluoranthene	19.754	202	272822	33.495	ng/ul	98
82) Pyrene	20.112	202	274738	33.319	ng/ul	99
83) Butylbenzylphthalate	20.964	149	97756	37.019	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.904	252	101376	39.514	ng/ul	98
85) Benzo(a)anthracene	22.010	228	279527	34.213	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.851	149	139940	36.437	ng/ul	97
87) Chrysene	22.080	228	262142	34.008	ng/ul	99
89) Di-n-octyl phthalate	23.150	149	237672	35.139	ng/ul	100
90) Benzo(b)fluoranthene	24.413	252	286301	33.755	ng/ul	97
91) Benzo(k)fluoranthene	24.489	252	276683	33.530	ng/ul	99
93) Benzo(a)pyrene	25.376	252	244792	33.430	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.588	276	310799	33.954	ng/ul	97
95) Dibenzo(a,h)anthracene	29.641	278	257014	33.862	ng/ul	97
96) Benzo(g,h,i)perylene	30.857	276	251423	33.939	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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