Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061292.D
Acq On : 24 May 2024 17:55
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020496

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	25674	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	115074	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	95368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	236691	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	244643	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	275401	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3349	7.300	ng/uL	-0.01
4) Pyridine-d5	3.742	84	29535	18.096	ng/ul	0.00
7) Phenol-d5	7.062	99	37055	17.575	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	24201	18.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	29028	18.603	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	32385	18.014	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	15966	18.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.764	143	18037	17.395	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	37339	18.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	47609	18.002	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	129995	17.575	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	140870	18.319	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	15418	16.860	ng/ul	0.00
60) Fluorene-d10	15.511	176	120418	18.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	24153	16.872	ng/ul	0.00
73) Anthracene-d10	17.367	188	194360	18.626	ng/ul	0.00
81) Pyrene-d10	19.659	212	233671	18.602	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264	241871	18.268	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	3624	6.581	ng/uL#	94
5) Pyridine	3.765	79	29156	18.061	ng/ul	91
6) Benzaldehyde	7.026	77	22124	20.068	ng/ul	90
8) Phenol	7.091	94	38868	18.093	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.308	93	28445	18.103	ng/ul	89
12) 2-Chlorophenol	7.455	128	29598	17.949	ng/ul	94
13) 2-Methylphenol	8.337	108	30249	18.169	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.413	45	74861	17.641	ng/ul	98
16) Acetophenone	8.707	105	54411	17.734	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.689	70	29167	17.289	ng/ul#	88
18) 4-Methylphenol	8.666	108	32847	17.807	ng/ul	97
19) Hexachloroethane	8.965	117	13292	18.116	ng/ul	94
22) Nitrobenzene	9.083	77	42005	17.286	ng/ul	97
23) Isophorone	9.606	82	82667	16.723	ng/ul	98
25) 2-Nitrophenol	9.794	139	20615	18.317	ng/ul	95
26) 2,4-Dimethylphenol	9.858	107	38016	17.047	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.088	93	43837	17.691	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	34865	18.726	ng/ul	93
30) Naphthalene	10.728	128	111289	18.323	ng/ul	98
32) 4-Chloroaniline	10.840	127	46672	17.759	ng/ul	99
33) Hexachlorobutadiene	11.016	225	34394	18.899	ng/ul	94
34) Caprolactam	11.592	113	11975	16.811	ng/ul#	75
35) 4-Chloro-3-methylphenol	11.979	107	42189	17.529	ng/ul	98
36) 2-Methylnaphthalene	12.338	142	80044	18.172	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.561	142	80497	17.808	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.708	216	60937	19.353	ng/ul	99
40) Hexachlorocyclopentadiene	12.690	237	29801	20.969	ng/ul	91
41) 2,4,6-Trichlorophenol	12.955	196	33591	18.940	ng/ul	95
42) 2,4,5-Trichlorophenol	13.037	196	36925	19.771	ng/ul	91
43) 1,1'-Biphenyl	13.348	154	116422	18.879	ng/ul	99
44) 2-Chloronaphthalene	13.395	162	93691	19.306	ng/ul	99
45) 2-Nitroaniline	13.601	65	36061	18.004	ng/ul	97
47) Dimethylphthalate	13.971	163	135179	17.535	ng/ul	100
48) 2,6-Dinitrotoluene	14.095	165	27939	18.481	ng/ul	98
50) Acenaphthylene	14.241	152	159199	18.670	ng/ul	98
51) 3-Nitroaniline	14.424	138	24685	18.815	ng/ul	92
52) Acenaphthene	14.582	153	103565	18.515	ng/ul	98
53) 2,4-Dinitrophenol	14.653	184	16457m	20.528	ng/ul	
55) 4-Nitrophenol	14.759	109	18027	16.767	ng/ul	95
56) Dibenzofuran	14.917	168	145728	18.221	ng/ul	99
57) 2,4-Dinitrotoluene	14.888	165	40441	17.582	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.158	232	31844m	18.694	ng/ul	
59) Diethylphthalate	15.340	149	132835	17.449	ng/ul	99
61) Fluorene	15.569	166	128508	18.571	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	75407	18.581	ng/ul	99
63) 4-Nitroaniline	15.593	138	26314	19.257	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.663	198	26114	17.406	ng/ul#	89
67) N-Nitrosodiphenylamine	15.775	169	112806	18.962	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	53438	19.054	ng/ul	96
69) Hexachlorobenzene	16.580	284	58288	18.699	ng/ul	97
70) Atrazine	16.727	200	43524	18.487	ng/ul#	92
71) Pentachlorophenol	16.927	266	24732m	22.795	ng/ul	
72) Phenanthrene	17.308	178	214231	18.648	ng/ul	100
74) Anthracene	17.402	178	222938	18.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.319	216	61433	19.635	ng/uL	98
76) Pentachlorobenzene	14.841	250	64759	18.721	ng/uL	95
77) Carbazole	17.673	167	183627	19.006	ng/ul	98
78) Di-n-butylphthalate	18.231	149	229835	18.986	ng/ul	98
80) Fluoranthene	19.324	202	277968	18.446	ng/ul	98
82) Pyrene	19.688	202	290732	18.587	ng/ul	99
83) Butylbenzylphthalate	20.575	149	100954	18.788	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.415	252	103030	19.841	ng/ul	98
85) Benzo(a)anthracene	21.498	228	314986	18.660	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.415	149	146242	18.387	ng/ul	97
87) Chrysene	21.562	228	289424	18.621	ng/ul	98
89) Di-n-octyl phthalate	22.579	149	254750	18.489	ng/ul	100
90) Benzo(b)fluoranthene	23.625	252	307595	18.759	ng/ul	98
91) Benzo(k)fluoranthene	23.689	252	301852	18.134	ng/ul	97
93) Benzo(a)pyrene	24.459	252	284741	18.287	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.102	276	350049	18.591	ng/ul	98
95) Dibenzo(a,h)anthracene	28.143	278	293657m	18.914	ng/ul	
96) Benzo(g,h,i)perylene	29.189	276	276777	18.477	ng/ul	97

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

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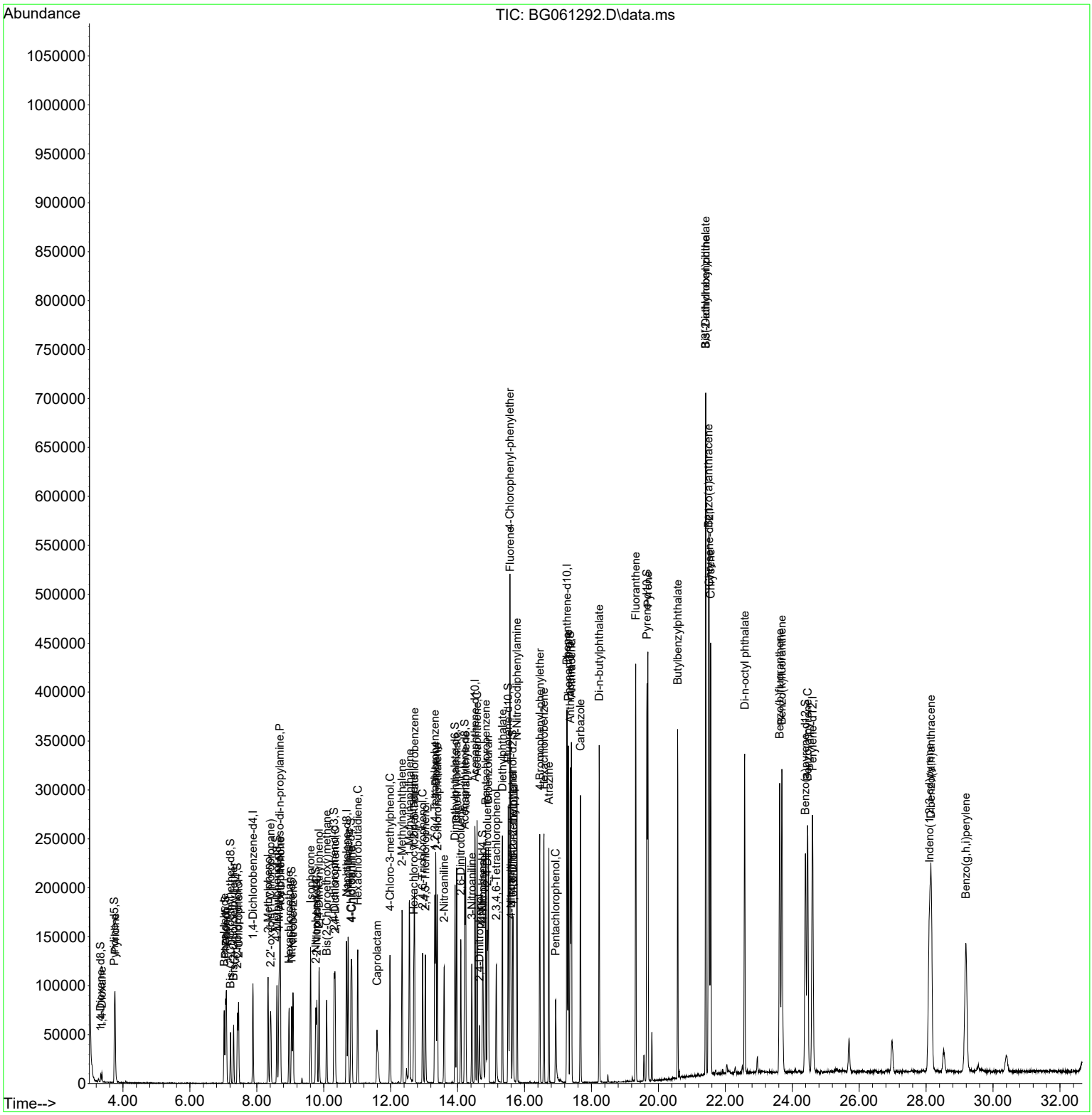
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