Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059259.D
Acq On : 3 Oct 2023 11:07
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 23:36:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020581

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	53929	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	265540	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	164088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	353498	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	326921	20.000	ng/ul	0.00
88) Perylene-d12	25.392	264	366551	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	11408	7.984	ng/uL	0.00
4) Pyridine-d5	3.964	84	74879	17.960	ng/ul	0.00
7) Phenol-d5	7.360	99	106733	19.772	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	65212	18.911	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	77302	21.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	81027	19.418	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	41609	22.206	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	41857	22.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	80070	21.189	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	118477	19.378	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	242973	20.481	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	299747	20.130	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	40506	19.552	ng/ul	0.00
60) Fluorene-d10	15.850	176	222219	19.680	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	34964	19.242	ng/ul	0.00
73) Anthracene-d10	17.712	188	328904	20.420	ng/ul	0.00
81) Pyrene-d10	19.986	212	362033	19.775	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	356342	20.230	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	11741	6.994	ng/uL#	79
5) Pyridine	3.987	79	81762	19.312	ng/ul	96
6) Benzaldehyde	7.371	77	53392	22.523	ng/ul	93
8) Phenol	7.383	94	106650	19.860	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.648	93	89107	20.232	ng/ul	92
12) 2-Chlorophenol	7.783	128	78936	20.631	ng/ul#	93
13) 2-Methylphenol	8.658	108	79532	19.603	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.740	45	193451	19.869	ng/ul	97
16) Acetophenone	9.075	105	127780	19.772	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.040	70	65028	19.837	ng/ul	92
18) 4-Methylphenol	8.987	108	84777	19.721	ng/ul	96
19) Hexachloroethane	9.310	117	32147	21.328	ng/ul	97
22) Nitrobenzene	9.469	77	94366	20.401	ng/ul	97
23) Isophorone	9.974	82	192668	19.370	ng/ul	97
25) 2-Nitrophenol	10.180	139	44525	21.968	ng/ul#	85
26) 2,4-Dimethylphenol	10.209	107	89714	20.701	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.462	93	119810	19.090	ng/ul	100
29) 2,4-Dichlorophenol	10.703	162	78731	20.960	ng/ul	97
30) Naphthalene	11.126	128	282116	19.815	ng/ul	97
32) 4-Chloroaniline	11.243	127	114178	19.529	ng/ul	98
33) Hexachlorobutadiene	11.349	225	50977	20.278	ng/ul	96
34) Caprolactam	12.019	113	24848	19.118	ng/ul	95
35) 4-Chloro-3-methylphenol	12.324	107	82536	20.593	ng/ul	95
36) 2-Methylnaphthalene	12.706	142	181069	19.414	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.924	142	189975	20.068	ng/ul#	94
39)	1,2,4,5-Tetrachloroben...	13.053	216	92947	18.920	ng/ul	94
40)	Hexachlorocyclopentadiene	13.006	237	54039	17.833	ng/ul	96
41)	2,4,6-Trichlorophenol	13.294	196	63580	21.139	ng/ul	92
42)	2,4,5-Trichlorophenol	13.370	196	66127	20.953	ng/ul	95
43)	1,1'-Biphenyl	13.699	154	260130	19.630	ng/ul	98
44)	2-Chloronaphthalene	13.758	162	199231	19.968	ng/ul	98
45)	2-Nitroaniline	13.975	65	63442	22.542	ng/ul	95
47)	Dimethylphthalate	14.310	163	239875	19.741	ng/ul	98
48)	2,6-Dinitrotoluene	14.457	165	46762	22.626	ng/ul	90
50)	Acenaphthylene	14.598	152	314631	19.795	ng/ul	99
51)	3-Nitroaniline	14.792	138	48323	21.659	ng/ul#	97
52)	Acenaphthene	14.927	153	216914	19.882	ng/ul	93
53)	2,4-Dinitrophenol	14.992	184	27894	24.280	ng/ul#	81
55)	4-Nitrophenol	15.074	109	27761	18.997	ng/ul	96
56)	Dibenzofuran	15.262	168	288295	19.935	ng/ul	99
57)	2,4-Dinitrotoluene	15.227	165	64421	21.051	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.474	232	61671	21.586	ng/ul#	89
59)	Diethylphthalate	15.650	149	229075	19.500	ng/ul	96
61)	Fluorene	15.908	166	241846	19.917	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.891	204	121994	20.154	ng/ul	95
63)	4-Nitroaniline	15.950	138	43620	21.245	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.979	198	37368	19.504	ng/ul#	91
67)	N-Nitrosodiphenylamine	16.108	169	198044	21.017	ng/ul	96
68)	4-Bromophenyl-phenylether	16.790	248	69591	20.321	ng/ul	96
69)	Hexachlorobenzene	16.878	284	81468	21.057	ng/ul#	92
70)	Atrazine	17.042	200	70109	19.567	ng/ul	92
71)	Pentachlorophenol	17.236	266	41158	18.484	ng/ul	91
72)	Phenanthrene	17.659	178	396715	20.450	ng/ul	98
74)	Anthracene	17.748	178	404365	20.186	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.658	216	100005	21.468	ng/uL	92
76)	Pentachlorobenzene	15.156	250	96177	20.910	ng/uL	97
77)	Carbazole	18.024	167	338529	20.735	ng/ul	99
78)	Di-n-butylphthalate	18.529	149	399844	20.660	ng/ul	100
80)	Fluoranthene	19.651	202	449545	19.932	ng/ul	99
82)	Pyrene	20.015	202	466521	19.529	ng/ul	98
83)	Butylbenzylphthalate	20.867	149	167063	19.831	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.807	252	159395	21.053	ng/ul	98
85)	Benzo(a)anthracene	21.890	228	451173	19.605	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.725	149	252408	19.731	ng/ul	96
87)	Chrysene	21.960	228	426716	19.632	ng/ul	99
89)	Di-n-octyl phthalate	23.018	149	433461	20.333	ng/ul	100
90)	Benzo(b)fluoranthene	24.269	252	463066	20.626	ng/ul	98
91)	Benzo(k)fluoranthene	24.340	252	461219	20.275	ng/ul	98
93)	Benzo(a)pyrene	25.221	252	440045	20.662	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.399	276	487658	20.227	ng/ul	95
95)	Dibenzo(a,h)anthracene	29.493	278	394368	20.115	ng/ul	94
96)	Benzo(g,h,i)perylene	30.674	276	392288m	20.012	ng/ul	

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

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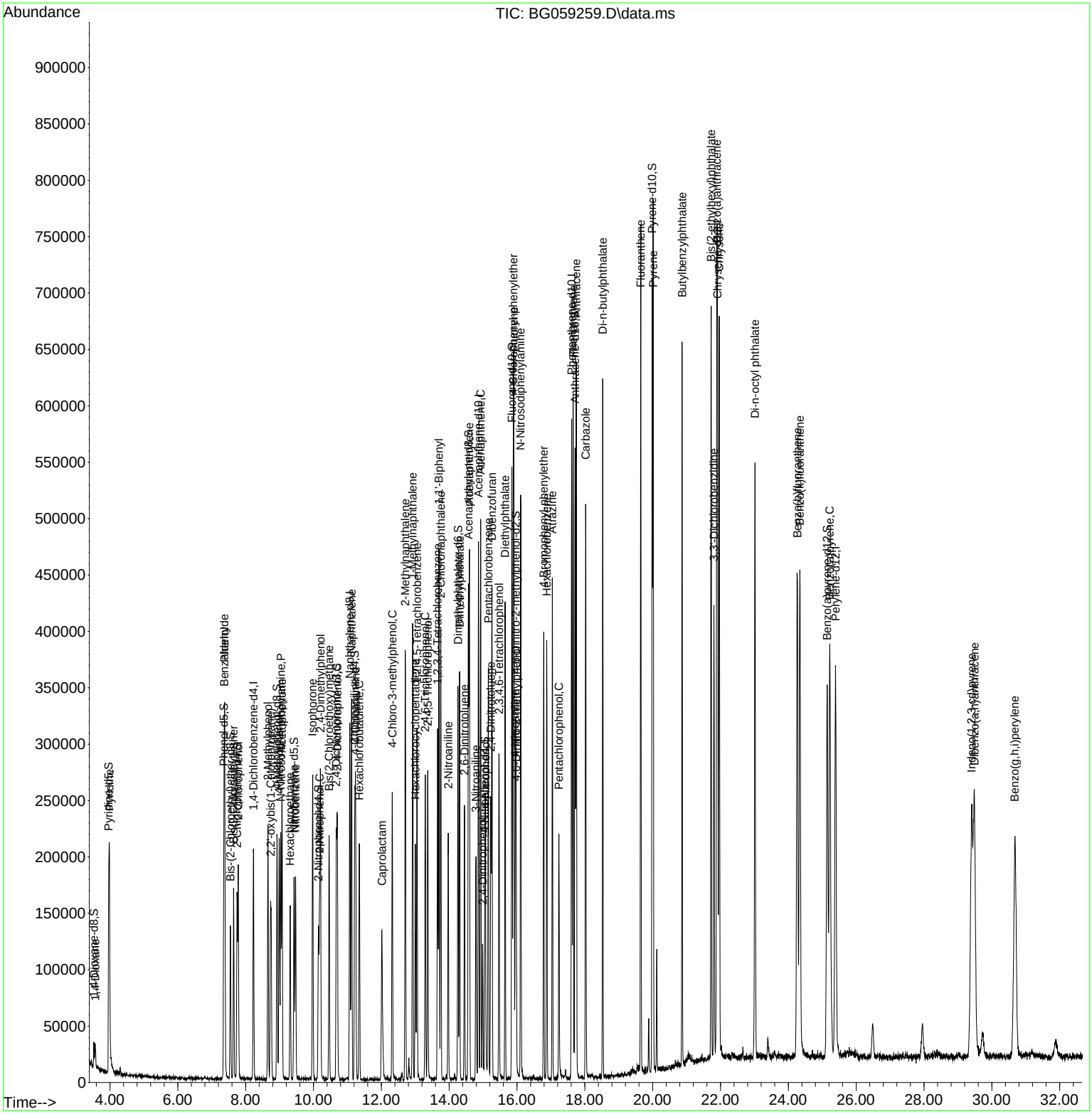
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