

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059338.D
 Acq On : 7 Oct 2023 11:48
 Operator : MA/JU
 Sample : SSTD00537
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005449

Quant Time: Oct 07 14:56:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 14:54:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	47915	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	237798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	167840	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	421333	20.000	ng/u1	0.00
79) Chrysene-d12	21.913	240	378131	20.000	ng/u1	0.00
88) Perylene-d12	25.397	264	444074	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	2907	2.483	ng/uL	0.00
4) Pyridine-d5	3.963	84	17338	4.977	ng/u1	0.00
7) Phenol-d5	7.353	99	21629	4.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	13615	5.023	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	15338	4.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.916	113	17052	4.661	ng/u1	0.00
21) Nitrobenzene-d5	9.422	128	9445	5.006	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	8989	4.297	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	16808	4.459	ng/u1	0.00
31) 4-Chloroaniline-d4	11.214	131	26208	4.557	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	62899	4.971	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	71885	4.675	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	9280	4.081	ng/u1	0.00
60) Fluorene-d10	15.849	176	60777	5.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	9439	3.655	ng/u1	0.00
73) Anthracene-d10	17.712	188	92517	4.764	ng/u1	0.00
81) Pyrene-d10	19.986	212	102027	4.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.144	264	103827	4.776	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.558	88	2908	2.168	ng/uL#	73
5) Pyridine	3.987	79	16135	4.689	ng/u1	89
6) Benzaldehyde	7.377	77	12003	7.084	ng/u1	92
8) Phenol	7.383	94	20311	4.358	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.647	93	19428	5.342	ng/u1	94
12) 2-Chlorophenol	7.782	128	16653	4.848	ng/u1	97
13) 2-Methylphenol	8.664	108	14824	4.266	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.734	45	19264	2.540	ng/u1#	95
16) Acetophenone	9.075	105	27111	4.829	ng/u1#	87
17) N-Nitroso-di-n-propyla...	9.028	70	13893	5.027	ng/u1#	88
18) 4-Methylphenol	8.993	108	18208	4.797	ng/u1	90
19) Hexachloroethane	9.316	117	6457	4.643	ng/u1#	83
22) Nitrobenzene	9.474	77	20349	4.986	ng/u1#	90
23) Isophorone	9.974	82	41993	4.718	ng/u1	95
25) 2-Nitrophenol	10.185	139	9858	4.576	ng/u1	88
26) 2,4-Dimethylphenol	10.203	107	20200	4.935	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.462	93	25467	4.720	ng/u1	91
29) 2,4-Dichlorophenol	10.697	162	18394	5.033	ng/u1#	89
30) Naphthalene	11.120	128	63679	4.949	ng/u1#	96
32) 4-Chloroaniline	11.243	127	25296	4.589	ng/u1	95
33) Hexachlorobutadiene	11.349	225	10406	4.617	ng/u1	94
34) Caprolactam	12.001	113	6170	4.678	ng/u1#	78
35) 4-Chloro-3-methylphenol	12.318	107	18274	4.593	ng/u1	91
36) 2-Methylnaphthalene	12.712	142	42331	4.917	ng/u1	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	42442	4.778	ng/ul	86
39) 1,2,4,5-Tetrachloroben...	13.053	216	22808	4.761	ng/ul#	92
40) Hexachlorocyclopentadiene	13.000	237	9168	3.152	ng/ul	94
41) 2,4,6-Trichlorophenol	13.299	196	14892	4.683	ng/ul	96
42) 2,4,5-Trichlorophenol	13.364	196	15642	4.463	ng/ul	94
43) 1,1'-Biphenyl	13.699	154	60925	4.661	ng/ul	99
44) 2-Chloronaphthalene	13.752	162	48526	4.881	ng/ul#	90
45) 2-Nitroaniline	13.969	65	14720	4.645	ng/ul#	80
47) Dimethylphthalate	14.304	163	63125	4.930	ng/ul	98
48) 2,6-Dinitrotoluene	14.457	165	12384	4.883	ng/ul	91
50) Acenaphthylene	14.592	152	78933	4.814	ng/ul#	96
51) 3-Nitroaniline	14.792	138	12095	4.884	ng/ul	98
52) Acenaphthene	14.927	153	55059	4.915	ng/ul	94
53) 2,4-Dinitrophenol	14.992	184	2565	1.789	ng/ul#	70
55) 4-Nitrophenol	15.068	109	6019	3.855	ng/ul#	78
56) Dibenzofuran	15.262	168	77137	5.101	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	17455	4.660	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.473	232	15774	4.773	ng/ul#	90
59) Diethylphthalate	15.650	149	65011	5.178	ng/ul	96
61) Fluorene	15.908	166	65178	5.102	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.890	204	32094	4.946	ng/ul	97
63) 4-Nitroaniline	15.949	138	11635	5.455	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.979	198	9926	3.604	ng/ul#	90
67) N-Nitrosodiphenylamine	16.108	169	52959	4.701	ng/ul	96
68) 4-Bromophenyl-phenylether	16.784	248	20004	4.651	ng/ul#	83
69) Hexachlorobenzene	16.883	284	21869	4.501	ng/ul#	89
70) Atrazine	17.042	200	20178	4.552	ng/ul	91
71) Pentachlorophenol	17.242	266	8311	3.040	ng/ul	90
72) Phenanthrene	17.653	178	115833	4.999	ng/ul	98
74) Anthracene	17.747	178	112467	4.711	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.664	216	23190	4.344	ng/ul	90
76) Pentachlorobenzene	15.156	250	25882	4.671	ng/ul	91
77) Carbazole	18.029	167	95487	4.945	ng/ul	96
78) Di-n-butylphthalate	18.529	149	110132	4.726	ng/ul	98
80) Fluoranthene	19.651	202	127259	4.706	ng/ul#	95
82) Pyrene	20.015	202	134484	4.780	ng/ul	97
83) Butylbenzylphthalate	20.867	149	46474	4.467	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.807	252	46781	5.288	ng/ul	86
85) Benzo(a)anthracene	21.895	228	131062	4.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	75076	4.769	ng/ul	94
87) Chrysene	21.966	228	124534	4.888	ng/ul	96
89) Di-n-octyl phthalate	23.006	149	123172	4.652	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	129032	4.735	ng/ul	94
91) Benzo(k)fluoranthene	24.345	252	135412	4.861	ng/ul#	91
93) Benzo(a)pyrene	25.221	252	122933	4.726	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.398	276	52065	1.740	ng/ul	98
95) Dibenzo(a,h)anthracene	29.498	278	113654	4.615	ng/ul	96
96) Benzo(g,h,i)perylene	30.691	276	111407	4.643	ng/ul	95

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

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