

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081618\
 Data File : BG036305.D
 Acq On : 16 Aug 2018 10:17
 Operator : JU/SJ
 Sample : SSTD00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 16 12:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 16 12:06:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	121476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	90292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	250701	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	299450	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	290385	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	1585	1.89	ng/uL	0.00
5) Phenol-d5	7.22	99	16493	4.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	11809	5.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	8387	4.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	10232	4.08	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	938	1.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3215	4.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	9989	4.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	9855	4.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	37113	4.77	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	49167	5.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	4034	4.26	ng/ul	0.00
58) Fluorene-d10	15.69	176	36897	5.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	3495	4.28	ng/ul	0.00
71) Anthracene-d10	17.45	188	250701	21.10	ng/ul	-0.10
79) Pyrene-d10	19.82	212	71504	4.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	75134	4.73	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.55	88	2490	2.409	ng/uL	93
4) Benzaldehyde	7.22	77	15136	5.623	ng/ul#	84
6) Phenol	7.25	94	14659	4.250	ng/ul#	57
8) Bis(2-Chloroethyl)ether	7.50	93	12792	5.159	ng/ul	94
10) 2-Chlorophenol	7.64	128	8666	4.440	ng/ul#	94
11) 2-Methylphenol	8.51	108	10881	4.389	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.61	45	17392	5.647	ng/ul#	82
14) Acetophenone	8.90	105	21075	5.060	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.88	70	12773	4.411	ng/ul#	78
16) 4-Methylphenol	8.83	108	11127	4.225	ng/ul	96
17) Hexachloroethane	9.17	117	4322	4.354	ng/ul#	91
20) Nitrobenzene	9.28	77	12030	4.438	ng/ul	91
21) Isophorone	9.80	82	34645	4.997	ng/ul#	85
23) 2-Nitrophenol	9.99	139	1697	2.146	ng/ul#	82
24) 2,4-Dimethylphenol	10.05	107	15567	5.003	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.29	93	17284	5.203	ng/ul	93
27) 2,4-Dichlorophenol	10.53	162	8318	4.166	ng/ul#	91
28) Naphthalene	10.94	128	30707	4.917	ng/ul	97
30) 4-Chloroaniline	11.03	127	6214	2.907	ng/ul	99
31) Hexachlorobutadiene	11.23	225	9630	4.947	ng/ul	91
32) Caprolactam	11.77	113	3338	3.703	ng/ul	81
33) 4-Chloro-3-methylphenol	12.15	107	12368	4.396	ng/ul#	90
34) 2-Methylnaphthalene	12.54	142	24526	5.123	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	23384	4.981	ng/ul#	85
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	19411	5.486	ng/ul	98
38) Hexachlorocyclopentadiene	12.89	237	8248	4.006	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.14	196	8613	4.225	ng/ul#	88
40) 2,4,5-Trichlorophenol	13.14	196	8253	3.663	ng/ul	89
41) 1,1'-Biphenyl	13.54	154	34453	5.261	ng/ul#	94
42) 2-Chloronaphthalene	13.58	162	26277	5.025	ng/ul	94
43) 2-Nitroaniline	13.77	65	5996	4.074	ng/ul#	81
45) Dimethylphthalate	14.16	163	37394	4.849	ng/ul#	94
46) 2,6-Dinitrotoluene	14.26	165	4234	4.231	ng/ul#	93
48) Acenaphthylene	14.42	152	41528	5.305	ng/ul#	96
49) 3-Nitroaniline	14.59	138	4377	4.506	ng/ul#	86
50) Acenaphthene	14.77	153	29020	5.102	ng/ul	87
51) 2,4-Dinitrophenol	14.79	184	2487	6.101	ng/ul#	71
53) 4-Nitrophenol	14.88	109	4743	3.367	ng/ul#	78
54) Dibenzofuran	15.10	168	44301	5.389	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	5782	4.169	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.32	232	6963	3.569	ng/ul#	89
57) Diethylphthalate	15.52	149	37015	4.845	ng/ul	97
59) Fluorene	15.75	166	37747	5.288	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	22256	4.939	ng/ul	95
61) 4-Nitroaniline	15.74	138	5388	4.205	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.81	198	3415	4.018	ng/ul#	92
65) N-Nitrosodiphenylamine	15.95	169	33498	5.183	ng/ul	90
66) 4-Bromophenyl-phenylether	16.64	248	14366	4.926	ng/ul#	89
67) Hexachlorobenzene	16.75	284	15763	5.422	ng/ul#	88
68) Atrazine	16.90	200	13743	4.768	ng/ul	96
69) Pentachlorophenol	17.09	266	4647	3.200	ng/ul#	63
70) Phenanthrene	17.49	178	64099	5.125	ng/ul	97
72) Anthracene	17.58	178	64941	5.300	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20226	5.158	ng/uL	87
74) Pentachlorobenzene	15.02	250	18170	5.120	ng/uL	97
75) Carbazole	17.84	167	54959	5.437	ng/ul	96
76) Di-n-butylphthalate	18.42	149	56057	4.717	ng/ul#	90
77) Fluoranthene	19.49	202	90309	5.686	ng/ul#	94
80) Pyrene	19.85	202	94489	4.949	ng/ul#	92
81) Butylbenzylphthalate	20.75	149	21988	3.737	ng/ul#	71
82) 3,3'-Dichlorobenzidine	21.61	252	27177	4.331	ng/ul	94
83) Benzo(a)anthracene	21.70	228	97704	5.137	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	30422	3.646	ng/ul#	93
85) Chrysene	21.76	228	91549	5.266	ng/ul	97
87) Di-n-octyl phthalate	22.87	149	47163	3.155	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	89226	4.510	ng/ul#	97
89) Benzo(k)fluoranthene	23.99	252	87739	4.603	ng/ul#	96
91) Benzo(a)pyrene	24.79	252	84942	4.665	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.60	276	34439	1.709	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.69	278	75793	4.649	ng/ul#	97
94) Benzo(g,h,i)perylene	29.75	276	64159	3.841	ng/ul#	94

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

