

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081318\
 Data File : BN002305.D
 Acq On : 13 Aug 2018 14:19
 Operator : JU/SJ
 Sample : SSTD02037
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02037

Quant Time: Aug 13 14:57:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 13 14:52:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	179728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	853550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	528472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1217721	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1328436	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1406457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	30899	7.76	ng/uL	0.00
5) Phenol-d5	6.86	99	318777	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	206265	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	251324	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	260326	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	135503	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	145913	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	266844	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	286487	17.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	874653	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1078775	19.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	162985	19.04	ng/ul	0.00
57) Fluorene-d10	15.31	176	752285	19.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	150308	18.95	ng/ul	0.00
70) Anthracene-d10	17.16	188	1182052	19.91	ng/ul	0.00
78) Pyrene-d10	19.46	212	1298659	18.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1488207	19.60	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.27	88	31932	7.986	ng/uL 90
4) Benzaldehyde	6.83	77	230920	23.002	ng/ul 91
6) Phenol	6.89	94	329365	19.378	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.11	93	255872	19.743	ng/ul# 86
10) 2-Chlorophenol	7.25	128	252956	18.970	ng/ul# 88
11) 2-Methylphenol	8.12	108	247367	18.923	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	428570	20.116	ng/ul# 86
14) Acetophenone	8.49	105	426992	20.636	ng/ul# 91
15) N-Nitroso-di-n-propylamine	8.48	70	225773	19.912	ng/ul# 84
16) 4-Methylphenol	8.45	108	272388	19.204	ng/ul 99
17) Hexachloroethane	8.75	117	104700	19.865	ng/ul 100
20) Nitrobenzene	8.87	77	321735	19.767	ng/ul 94
21) Isophorone	9.39	82	631716	19.398	ng/ul 97
23) 2-Nitrophenol	9.57	139	151252	18.470	ng/ul# 88
24) 2,4-Dimethylphenol	9.64	107	313091	19.096	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.87	93	371025	18.926	ng/ul 99
27) 2,4-Dichlorophenol	10.10	162	258747	18.622	ng/ul 97
28) Naphthalene	10.50	128	879030	19.494	ng/ul 100
30) 4-Chloroaniline	10.62	127	292571	17.900	ng/ul 100
31) Hexachlorobutadiene	10.79	225	158518	19.251	ng/ul 98
32) Caprolactam	11.37	113	93897	18.181	ng/ul# 60
33) 4-Chloro-3-methylphenol	11.75	107	298589	19.105	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	647018	19.671	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	318962	18.613	ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	184471	16.971	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	209573	17.792	ng/ul	96
39) 2,4,5-Trichlorophenol	12.81	196	216114	17.369	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	853683	19.410	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	662295	19.367	ng/ul	98
42) 2-Nitroaniline	13.39	65	214575	19.515	ng/ul	83
44) Dimethylphthalate	13.77	163	861168	19.626	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	177338	19.123	ng/ul	94
47) Acenaphthylene	14.03	152	1033594	19.320	ng/ul	100
48) 3-Nitroaniline	14.22	138	165991	18.159	ng/ul	91
49) Acenaphthene	14.37	153	714830	19.359	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	92532	16.963	ng/ul#	1
52) 4-Nitrophenol	14.54	109	125097	20.914	ng/ul#	85
53) Dibenzofuran	14.71	168	1015214	19.459	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	265721	19.756	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.95	232	194589	17.810	ng/ul	97
56) Diethylphthalate	15.15	149	885428	19.873	ng/ul	100
58) Fluorene	15.36	166	834958	20.046	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	411486	19.890	ng/ul	95
60) 4-Nitroaniline	15.39	138	217638	20.564	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	157484	19.178	ng/ul	96
64) N-Nitrosodiphenylamine	15.57	169	721558	19.373	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	251347	18.758	ng/ul	91
66) Hexachlorobenzene	16.37	284	281347	18.974	ng/ul	96
67) Atrazine	16.53	200	267280	19.887	ng/ul	98
68) Pentachlorophenol	16.72	266	150032	17.788	ng/ul	97
69) Phenanthrene	17.10	178	1351459	19.762	ng/ul	99
71) Anthracene	17.19	178	1389464	19.950	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	343744	18.931	ng/uL	99
73) Pentachlorobenzene	14.63	250	325528	19.166	ng/uL	99
74) Carbazole	17.46	167	1238725	21.026	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1509530	19.378	ng/ul	100
76) Fluoranthene	19.12	202	1588960	21.894	ng/ul	98
79) Pyrene	19.49	202	1639581	19.234	ng/ul	98
80) Butylbenzylphthalate	20.40	149	700208	17.294	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.18	252	542813	19.270	ng/ul	98
82) Benzo(a)anthracene	21.24	228	1657775	19.592	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1054372	18.392	ng/ul#	98
84) Chrysene	21.30	228	1553502	19.699	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	1826368	19.772	ng/ul#	94
87) Benzo(b)fluoranthene	22.82	252	1680602	19.415	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1652438	20.094	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1615041	19.635	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	1926211	20.259	ng/ul	98
92) Dibenzo(a,h)anthracene	25.72	278	1618184	20.336	ng/ul	99
93) Benzo(g,h,i)perylene	26.38	276	1596988	19.989	ng/ul	98

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

