

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002089.D
 Acq On : 20 Jul 2018 01:23
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 04:04:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 20 02:57:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	255254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1179095	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	718932	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1625527	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1622199	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1449743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	41078	7.26	ng/uL	0.00
5) Phenol-d5	6.88	99	457199	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	281591	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	370185	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	377951	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	189025	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	216289	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	393055	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	520387	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1214628	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1505575	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	219874	18.89	ng/ul	0.00
57) Fluorene-d10	15.33	176	1053155	20.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	206253	19.48	ng/ul	0.00
70) Anthracene-d10	17.18	188	1602567	20.22	ng/ul	0.00
78) Pyrene-d10	19.48	212	1707886	20.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1573467	20.10	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	42751	7.529	ng/uL	89
4) Benzaldehyde	6.85	77	300872	21.102	ng/ul	95
6) Phenol	6.91	94	466862	19.340	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	358363	19.469	ng/ul	89
10) 2-Chlorophenol	7.27	128	365514	19.301	ng/ul#	89
11) 2-Methylphenol	8.15	108	356803	19.219	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	560005	18.507	ng/ul#	88
14) Acetophenone	8.52	105	604857	20.583	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	314576	19.535	ng/ul#	87
16) 4-Methylphenol	8.47	108	391429	19.431	ng/ul	96
17) Hexachloroethane	8.77	117	147686	19.730	ng/ul	94
20) Nitrobenzene	8.89	77	443816	19.739	ng/ul	94
21) Isophorone	9.41	82	876165	19.476	ng/ul	98
23) 2-Nitrophenol	9.60	139	223385	19.747	ng/ul	90
24) 2,4-Dimethylphenol	9.66	107	453065	20.004	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	520563	19.222	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	377372	19.661	ng/ul	96
28) Naphthalene	10.53	128	1230453	19.753	ng/ul	100
30) 4-Chloroaniline	10.63	127	510939	22.630	ng/ul	98
31) Hexachlorobutadiene	10.81	225	235501	20.703	ng/ul	96
32) Caprolactam	11.39	113	135229m	18.955	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	432482	20.032	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	895751	19.714	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	470406	20.179	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	276635	18.708	ng/ul	100
38) 2,4,6-Trichlorophenol	12.76	196	321800	20.082	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	337255	19.924	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1193283	19.944	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	927619	19.939	ng/ul	97
42) 2-Nitroaniline	13.41	65	297218	19.870	ng/ul	83
44) Dimethylphthalate	13.79	163	1184334	19.841	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	251726	19.953	ng/ul	98
47) Acenaphthylene	14.05	152	1461840	20.086	ng/ul	99
48) 3-Nitroaniline	14.25	138	256790	20.650	ng/ul	97
49) Acenaphthene	14.40	153	998364	19.875	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	130983	17.650	ng/ul#	1
52) 4-Nitrophenol	14.56	109	163772	20.127	ng/ul#	83
53) Dibenzofuran	14.73	168	1411901	19.893	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	369210	20.178	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.96	232	294876	19.839	ng/ul	98
56) Diethylphthalate	15.16	149	1210610	19.973	ng/ul	99
58) Fluorene	15.39	166	1148195	20.264	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	573251	20.369	ng/ul	95
60) 4-Nitroaniline	15.41	138	284507	19.761	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	211993	19.339	ng/ul	95
64) N-Nitrosodiphenylamine	15.60	169	994196	19.996	ng/ul	98
65) 4-Bromophenyl-phenylether	16.27	248	361576	20.215	ng/ul	93
66) Hexachlorobenzene	16.39	284	396856	20.050	ng/ul#	90
67) Atrazine	16.55	200	377938	21.066	ng/ul	99
68) Pentachlorophenol	16.73	266	217592	19.326	ng/ul	99
69) Phenanthrene	17.12	178	1826437	20.007	ng/ul	99
71) Anthracene	17.22	178	1891035	20.340	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	490623	20.242	ng/ul	100
73) Pentachlorobenzene	14.65	250	458592	20.227	ng/ul	98
74) Carbazole	17.49	167	1661054	21.121	ng/ul	99
75) Di-n-butylphthalate	18.06	149	2097229	20.169	ng/ul	100
76) Fluoranthene	19.15	202	2109586	21.776	ng/ul	99
79) Pvrene	19.51	202	2124090	20.405	ng/ul	99
80) Butylbenzylphthalate	20.42	149	981895	19.860	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	695142	20.209	ng/ul	99
82) Benzo(a)anthracene	21.26	228	2066523	20.000	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1426372	20.375	ng/ul	99
84) Chrysene	21.32	228	1909440	19.828	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2405429	25.263	ng/ul#	94
87) Benzo(b)fluoranthene	22.84	252	1898527	21.277	ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	1759685	20.759	ng/ul	99
90) Benzo(a)pyrene	23.42	252	1694891	19.991	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	1696164	17.307	ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	1425515	17.380	ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	1334103	16.200	ng/ul	97

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

