

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
 Data File : BN002562.D
 Acq On : 31 Aug 2018 16:19
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02025

Quant Time: Aug 31 17:06:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 31 16:18:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	125422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	597051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	380573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	910235	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1019159	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	993848	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	19593	7.37	ng/uL	0.00
5) Phenol-d5	6.85	99	222888	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	140011	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	180754	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	184998	20.12	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	87855	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	102392	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	191028	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	225523	22.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	639030	20.26	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	791665	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	110223	18.48	ng/ul	0.00
57) Fluorene-d10	15.29	176	560469	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	109555	18.90	ng/ul	0.00
70) Anthracene-d10	17.15	188	888688	20.44	ng/ul	0.00
78) Pyrene-d10	19.44	212	996432	20.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1056325	20.33	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	22513	7.919	ng/uL#	90
4) Benzaldehyde	6.82	77	153373	19.412	ng/ul	95
6) Phenol	6.88	94	229168	19.568	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	174824	19.636	ng/ul#	84
10) 2-Chlorophenol	7.23	128	178948	20.291	ng/ul#	88
11) 2-Methylphenol	8.11	108	177882	20.125	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	287928	19.527	ng/ul#	87
14) Acetophenone	8.48	105	296304	20.159	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	151381	19.519	ng/ul#	81
16) 4-Methylphenol	8.43	108	192574	20.027	ng/ul	100
17) Hexachloroethane	8.73	117	70922	19.199	ng/ul	98
20) Nitrobenzene	8.86	77	225729	19.847	ng/ul	95
21) Isophorone	9.37	82	436660	19.916	ng/ul	98
23) 2-Nitrophenol	9.56	139	107793	20.520	ng/ul#	87
24) 2,4-Dimethylphenol	9.62	107	226788	21.053	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.86	93	259965	20.125	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	187206	21.052	ng/ul	97
28) Naphthalene	10.49	128	615679	20.042	ng/ul	100
30) 4-Chloroaniline	10.60	127	228311	22.749	ng/ul	99
31) Hexachlorobutadiene	10.77	225	112957	20.179	ng/ul	97
32) Caprolactam	11.36	113	68687	20.561	ng/ul#	60
33) 4-Chloro-3-methylphenol	11.73	107	221557	21.652	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	459748	20.278	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	232827	20.197	ng/ul	97
37) Hexachlorocyclopentadiene	12.45	237	109739	15.671	ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	154219	20.776	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	163504	20.586	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	608392	19.970	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	473673	19.945	ng/ul	97
42) 2-Nitroaniline	13.38	65	151184	19.988	ng/ul	85
44) Dimethylphthalate	13.76	163	630595	20.380	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	127144	20.339	ng/ul	95
47) Acenaphthylene	14.02	152	741978	20.136	ng/ul	99
48) 3-Nitroaniline	14.21	138	123141	20.703	ng/ul	93
49) Acenaphthene	14.36	153	520207	20.014	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	63620	17.010	ng/ul#	1
52) 4-Nitrophenol	14.53	109	89055	19.702	ng/ul#	87
53) Dibenzofuran	14.70	168	737095	20.101	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	194174	20.601	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	147062	21.205	ng/ul	97
56) Diethylphthalate	15.13	149	653438	20.699	ng/ul	100
58) Fluorene	15.35	166	614383	20.478	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	303568	20.501	ng/ul	94
60) 4-Nitroaniline	15.38	138	155539	20.235	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	113981	19.066	ng/ul#	98
64) N-Nitrosodiphenylamine	15.56	169	538371	20.241	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	190199	20.482	ng/ul	93
66) Hexachlorobenzene	16.36	284	209316	20.198	ng/ul	92
67) Atrazine	16.52	200	200738	20.643	ng/ul	96
68) Pentachlorophenol	16.70	266	106209	18.309	ng/ul	99
69) Phenanthrene	17.09	178	1018817	20.304	ng/ul	99
71) Anthracene	17.18	178	1041121	20.457	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	253427	19.912	ng/ul	99
73) Pentachlorobenzene	14.62	250	239894	19.775	ng/ul	98
74) Carbazole	17.45	167	949705	21.043	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1146718	20.900	ng/ul	100
76) Fluoranthene	19.11	202	1213679	21.251	ng/ul	100
79) Pvrene	19.47	202	1250803	20.354	ng/ul	100
80) Butylbenzylphthalate	20.38	149	543916	20.889	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.16	252	413007	20.335	ng/ul	98
82) Benzo(a)anthracene	21.23	228	1270535	20.349	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	808281	20.696	ng/ul#	98
84) Chrysene	21.28	228	1188425	20.111	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1407279	22.281	ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1256740	21.096	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	1180596	21.036	ng/ul	99
90) Benzo(a)pyrene	23.36	252	1152023	20.300	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1171127	17.347	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	971522	17.213	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	936277	16.621	ng/ul	97

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

