

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092818\
 Data File : BN002854.D
 Acq On : 28 Sep 2018 17:21
 Operator : MJ/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02065

Quant Time: Sep 29 06:16:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 25 05:43:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	136071	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	580925	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.26	164	337278	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.02	188	748418	20.00	ng/ul	-0.01
77) Chrysene-d12	21.22	240	671889	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	576319	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	22945	7.78	ng/uL	-0.01
5) Phenol-d5	6.82	99	227985	19.73	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	141866	19.77	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	191741	20.16	ng/ul	-0.02
13) 4-Methylphenol-d8	8.34	113	182034	20.34	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	90968	20.22	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	104076	20.44	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	188206	20.47	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.54	131	234633	22.06	ng/ul	-0.02
43) Dimethylphthalate-d6	13.68	166	565251	21.41	ng/ul	-0.01
46) Acenaphthylene-d8	13.95	160	711781	20.65	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.50	143	82032	18.79	ng/ul	-0.01
57) Fluorene-d10	15.26	176	489490	21.16	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	84312	18.01	ng/ul	-0.01
70) Anthracene-d10	17.12	188	738806	20.68	ng/ul	-0.01
78) Pyrene-d10	19.42	212	761645	21.48	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.29	264	619414	20.42	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	24659	7.478	ng/uL 97
4) Benzaldehyde	6.78	77	146596	23.206	ng/ul 100
6) Phenol	6.84	94	232099	19.920	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.06	93	181933	20.301	ng/ul 99
10) 2-Chlorophenol	7.20	128	189124	20.037	ng/ul 96
11) 2-Methylphenol	8.07	108	177433	20.278	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	271426	19.337	ng/ul 99
14) Acetophenone	8.45	105	281102	20.388	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.43	70	145747	21.034	ng/ul 95
16) 4-Methylphenol	8.40	108	188562	20.318	ng/ul 98
17) Hexachloroethane	8.69	117	73784	19.445	ng/ul 98
20) Nitrobenzene	8.82	77	210051	20.082	ng/ul 98
21) Isophorone	9.33	82	400660	20.763	ng/ul 99
23) 2-Nitrophenol	9.53	139	107018	20.296	ng/ul 95
24) 2,4-Dimethylphenol	9.59	107	209801	20.179	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.82	93	249031	20.510	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	181803	20.377	ng/ul 94
28) Naphthalene	10.45	128	602366	20.118	ng/ul 99
30) 4-Chloroaniline	10.56	127	235513	22.118	ng/ul 98
31) Hexachlorobutadiene	10.73	225	113211	19.865	ng/ul 98
32) Caprolactam	11.32	113	59698	21.785	ng/ul 97
33) 4-Chloro-3-methylphenol	11.70	107	193555	21.276	ng/ul 97
34) 2-Methylnaphthalene	12.06	142	437699	20.915	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	220629	19.691	ng/ul	100
37) Hexachlorocyclopentadiene	12.42	237	94928	18.933	ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	142223	19.897	ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	147697	19.729	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	559976	20.158	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	437228	20.060	ng/ul	98
42) 2-Nitroaniline	13.35	65	123236	20.363	ng/ul	100
44) Dimethylphthalate	13.73	163	550590	21.368	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	115408	22.231	ng/ul	99
47) Acenaphthylene	13.98	152	671203	20.725	ng/ul	99
48) 3-Nitroaniline	14.19	138	110275	21.786	ng/ul	99
49) Acenaphthene	14.33	153	470437	20.506	ng/ul	99
50) 2,4-Dinitrophenol	14.41	184	37741	13.751	ng/ul	91
52) 4-Nitrophenol	14.51	109	53689	17.675	ng/ul	94
53) Dibenzofuran	14.67	168	662212	20.992	ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	166514	22.673	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.90	232	130309	21.990	ng/ul	92
56) Diethylphthalate	15.10	149	551921	21.863	ng/ul	98
58) Fluorene	15.32	166	541607	21.435	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	273091	21.614	ng/ul	97
60) 4-Nitroaniline	15.35	138	113492	21.148	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.42	198	88809	18.786	ng/ul#	92
64) N-Nitrosodiphenylamine	15.53	169	469013	20.195	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	168122	20.489	ng/ul	99
66) Hexachlorobenzene	16.33	284	186660	20.825	ng/ul	96
67) Atrazine	16.49	200	167335	21.066	ng/ul	99
68) Pentachlorophenol	16.67	266	79766	19.106	ng/ul	97
69) Phenanthrene	17.06	178	847250	20.547	ng/ul	100
71) Anthracene	17.15	178	862676	20.633	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	237279	18.558	ng/uL	98
73) Pentachlorobenzene	14.59	250	219979	19.269	ng/uL	98
74) Carbazole	17.43	167	747988	20.847	ng/ul	99
75) Di-n-butylphthalate	17.99	149	927132	21.537	ng/ul	100
76) Fluoranthene	19.08	202	936962	21.300	ng/ul	98
79) Pvrene	19.44	202	944646	21.264	ng/ul	97
80) Butylbenzylphthalate	20.36	149	380732	20.596	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.14	252	274351	20.219	ng/ul	99
82) Benzo(a)anthracene	21.20	228	844806	20.212	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	529605	19.734	ng/ul	99
84) Chrysene	21.26	228	783199	19.991	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	820578	21.541	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	733900	20.851	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	692651	21.094	ng/ul	99
90) Benzo(a)pyrene	23.33	252	674779	20.279	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	750550	19.053	ng/ul	97
92) Dibenzo(a,h)anthracene	25.63	278	628974	18.949	ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	620407	18.840	ng/ul	98

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

