

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
 Data File : BN003887.D
 Acq On : 13 Dec 2018 12:19
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02011

Quant Time: Dec 14 03:48:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 13 06:00:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	17763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	93094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	62218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	157003	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	223529	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	282956	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	2249	8.29	ng/uL	0.00
5) Phenol-d5	6.99	99	33449	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	18688	19.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	26615	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	28699	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	14284	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	15931	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	30288	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	30112	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	104480	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	127807	19.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22182	19.32	ng/ul	0.00
57) Fluorene-d10	15.46	176	92933	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	19217	16.99	ng/ul	0.00
70) Anthracene-d10	17.31	188	153816	19.39	ng/ul	0.00
78) Pyrene-d10	19.60	212	185618	18.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	301564	19.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	2378	7.963	ng/uL 95
4) Benzaldehyde	6.98	77	5816	19.485	ng/ul 98
6) Phenol	7.01	94	34493	19.568	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.26	93	24876	19.649	ng/ul 98
10) 2-Chlorophenol	7.39	128	27158	19.883	ng/ul 100
11) 2-Methylphenol	8.26	108	26151	19.182	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	35290	20.274	ng/ul 98
14) Acetophenone	8.65	105	43870	20.045	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.63	70	21470	19.867	ng/ul 99
16) 4-Methylphenol	8.59	108	30008	20.027	ng/ul 97
17) Hexachloroethane	8.90	117	9464	19.055	ng/ul 95
20) Nitrobenzene	9.04	77	31078	19.454	ng/ul 97
21) Isophorone	9.55	82	62372	18.799	ng/ul 99
23) 2-Nitrophenol	9.75	139	17011	19.366	ng/ul 98
24) 2,4-Dimethylphenol	9.79	107	33079	19.445	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.03	93	37759	19.017	ng/ul 98
27) 2,4-Dichlorophenol	10.27	162	29425	19.809	ng/ul 98
28) Naphthalene	10.67	128	97537	19.528	ng/ul 100
30) 4-Chloroaniline	10.79	127	30895	21.221	ng/ul 97
31) Hexachlorobutadiene	10.94	225	16519	19.116	ng/ul 99
32) Caprolactam	11.55	113	10762	18.052	ng/ul 98
33) 4-Chloro-3-methylphenol	11.90	107	34065	19.858	ng/ul 98
34) 2-Methylnaphthalene	12.29	142	73062	19.423	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	37416	19.584	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	17775	15.149	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	25005	19.439	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	27894	19.610	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	97076	19.193	ng/ul	100
41) 2-Chloronaphthalene	13.34	162	76765	19.491	ng/ul	99
42) 2-Nitroaniline	13.56	65	21717	19.638	ng/ul	99
44) Dimethylphthalate	13.92	163	102330	18.874	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	21163	19.230	ng/ul	98
47) Acenaphthylene	14.19	152	121864	19.413	ng/ul	100
48) 3-Nitroaniline	14.38	138	21765	19.450	ng/ul	98
49) Acenaphthene	14.53	153	86927	19.447	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	10768	15.096	ng/ul	98
52) 4-Nitrophenol	14.67	109	14412	19.877	ng/ul	95
53) Dibenzofuran	14.86	168	124471	19.617	ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	33406	19.509	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	26098	19.604	ng/ul	98
56) Diethylphthalate	15.27	149	103061	18.591	ng/ul	99
58) Fluorene	15.52	166	102731	19.445	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	50252	19.197	ng/ul	98
60) 4-Nitroaniline	15.55	138	27489	19.763	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.59	198	20005	17.218	ng/ul#	97
64) N-Nitrosodiphenylamine	15.72	169	90492	19.044	ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	33851	19.179	ng/ul	97
66) Hexachlorobenzene	16.51	284	42374	19.189	ng/ul	99
67) Atrazine	16.66	200	31431	18.147	ng/ul	97
68) Pentachlorophenol	16.86	266	22915	18.176	ng/ul	97
69) Phenanthrene	17.25	178	177619	19.580	ng/ul	100
71) Anthracene	17.35	178	182236	19.598	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	37539	19.092	ng/uL	98
73) Pentachlorobenzene	14.78	250	42877	19.085	ng/uL	99
74) Carbazole	17.62	167	171260	20.044	ng/ul	99
75) Di-n-butylphthalate	18.16	149	184554	18.326	ng/ul	99
76) Fluoranthene	19.26	202	223389	20.090	ng/ul	99
79) Pyrene	19.63	202	233598	18.706	ng/ul	98
80) Butylbenzylphthalate	20.52	149	97675	17.505	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.31	252	95006	18.476	ng/ul	100
82) Benzo(a)anthracene	21.38	228	266646	19.130	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	147260	17.276	ng/ul	100
84) Chrysene	21.43	228	251348	19.252	ng/ul	99
86) Di-n-octyl phthalate	22.18	149	269230	16.931	ng/ul	100
87) Benzo(b)fluoranthene	23.00	252	317253	18.717	ng/ul	99
88) Benzo(k)fluoranthene	23.05	252	311597	19.633	ng/ul	98
90) Benzo(a)pyrene	23.61	252	318723	19.525	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	428394	20.133	ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	354565	20.046	ng/ul	99
93) Benzo(g,h,i)perylene	26.79	276	350905	19.703	ng/ul	98

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

