

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121218\
 Data File : BN003848.D
 Acq On : 12 Dec 2018 12:23
 Operator : JU/SJ
 Sample : SSTD04004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04004

Quant Time: Dec 12 13:10:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 12 12:41:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	14156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	73838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	49100	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	123765	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	171402	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	211102	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	3549	11.86	ng/uL	0.00
5) Phenol-d5	6.99	99	57194	48.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	30703	46.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	45050	45.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48156	49.01	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	23982	41.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	27131	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	50285	41.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	48223	46.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	172169	42.30	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	207106	40.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	37025	45.37	ng/ul	0.00
57) Fluorene-d10	15.46	176	149500	43.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	35284	40.58	ng/ul	0.00
70) Anthracene-d10	17.31	188	246458	40.53	ng/ul	0.00
78) Pyrene-d10	19.60	212	294915	34.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	452336	39.58	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	3974	12.047 ng/uL#	78
4) Benzaldehyde	6.98	77	10415	50.368 ng/ul	95
6) Phenol	7.02	94	57966	49.241 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	40189	44.281 ng/ul	98
10) 2-Chlorophenol	7.39	128	45143	44.907 ng/ul	98
11) 2-Methylphenol	8.26	108	44448	48.519 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	55891	46.601 ng/ul	99
14) Acetophenone	8.66	105	71983	49.028 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	35420	50.796 ng/ul	97
16) 4-Methylphenol	8.59	108	49644	49.088 ng/ul	97
17) Hexachloroethane	8.90	117	15790	41.468 ng/ul	97
20) Nitrobenzene	9.04	77	50900	42.093 ng/ul	99
21) Isophorone	9.55	82	104963	45.006 ng/ul	99
23) 2-Nitrophenol	9.75	139	28662	41.901 ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	54995	42.419 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	61316	40.347 ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	48467	40.668 ng/ul	97
28) Naphthalene	10.68	128	155669	40.380 ng/ul	100
30) 4-Chloroaniline	10.79	127	48924	46.257 ng/ul	100
31) Hexachlorobutadiene	10.95	225	26085	34.891 ng/ul	98
32) Caprolactam	11.56	113	19508	53.425 ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	56367	49.018 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	118019	43.426 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	59022	36.000	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	34714	31.546	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	41041	39.446	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	45447	39.622	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	156581	39.678	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	122574	39.306	ng/ul	99
42) 2-Nitroaniline	13.56	65	36531	48.976	ng/ul	98
44) Dimethylphthalate	13.92	163	168149	42.065	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	36306	45.341	ng/ul	99
47) Acenaphthylene	14.19	152	195729	41.068	ng/ul	99
48) 3-Nitroaniline	14.39	138	37023	46.932	ng/ul	97
49) Acenaphthene	14.53	153	138529	40.451	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	22307	42.428	ng/ul	98
52) 4-Nitrophenol	14.68	109	23791	46.857	ng/ul	98
53) Dibenzofuran	14.87	168	196160	40.671	ng/ul	99
54) 2,4-Dinitrotoluene	14.84	165	56235	46.374	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	42843	42.523	ng/ul	98
56) Diethylphthalate	15.28	149	172983	45.720	ng/ul	100
58) Fluorene	15.52	166	163974	44.248	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.51	204	80315	41.423	ng/ul	97
60) 4-Nitroaniline	15.55	138	46693	51.966	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.60	198	36201	40.491	ng/ul	100
64) N-Nitrosodiphenylamine	15.72	169	147327	39.075	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	53920	36.631	ng/ul	96
66) Hexachlorobenzene	16.51	284	67164	38.489	ng/ul	97
67) Atrazine	16.67	200	53832	39.465	ng/ul	98
68) Pentachlorophenol	16.86	266	38568	36.540	ng/ul	99
69) Phenanthrene	17.26	178	281030	40.708	ng/ul	100
71) Anthracene	17.35	178	290077	41.138	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	59948	32.118	ng/uL	99
73) Pentachlorobenzene	14.78	250	68323	33.501	ng/uL	98
74) Carbazole	17.62	167	272653	43.952	ng/ul	99
75) Di-n-butylphthalate	18.16	149	316281	42.631	ng/ul	100
76) Fluoranthene	19.27	202	360391	45.578	ng/ul	99
79) Pyrene	19.63	202	371915	35.688	ng/ul	100
80) Butylbenzylphthalate	20.52	149	169007	41.661	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.32	252	163096	44.475	ng/ul	99
82) Benzo(a)anthracene	21.38	228	420029	40.180	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	254233	43.815	ng/ul	99
84) Chrysene	21.43	228	394787	40.184	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	464668	37.936	ng/ul	100
87) Benzo(b)fluoranthene	23.02	252	499237	38.338	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	456888	36.657	ng/ul	99
90) Benzo(a)pyrene	23.62	252	477290	39.490	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.07	276	642323	44.478	ng/ul	99
92) Dibenzo(a,h)anthracene	26.09	278	531365	43.749	ng/ul	99
93) Benzo(g,h,i)perylene	26.80	276	538116	44.839	ng/ul	99

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

