

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071318\
 Data File : BN002033.D
 Acq On : 13 Jul 2018 14:28
 Operator : JU/SJ
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16006

Quant Time: Jul 13 14:58:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 13 13:14:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	394108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1884926	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1125203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	2540972	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	2242696	20.00	ng/ul	0.01
85) Perylene-d12	23.54	264	2259909	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	496406	60.61	ng/uL	0.00
5) Phenol-d5	6.90	99	5925577	188.54	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	3480385	176.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	4628842	178.50	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	4764093	185.54	ng/ul	0.02
19) Nitrobenzene-d5	8.87	128	2395563	197.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	2777733	254.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	4791810	172.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	4135564	131.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	12928672	145.43	ng/ul	0.02
46) Acenaphthylene-d8	14.05	160	15535884	137.57	ng/ul	0.02
51) 4-Nitrophenol-d4	14.60	143	2831793	196.26	ng/ul	0.04
57) Fluorene-d10	15.35	176	10768115	140.83	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	2702516	249.15	ng/ul	0.02
70) Anthracene-d10	17.10	188	2540972	21.23	ng/ul	-0.09
78) Pyrene-d10	19.50	212	16059073	141.09	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.42	264	16810173	151.49	ng/ul	0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.29	88	509686	57.785	ng/uL#	90
4) Benzaldehyde	6.86	77	3072705	170.998	ng/ul	96
6) Phenol	6.93	94	5872083	191.318	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.15	93	4350233	179.327	ng/ul#	88
10) 2-Chlorophenol	7.29	128	4550792	177.714	ng/ul#	89
11) 2-Methylphenol	8.16	108	4552865	194.801	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	7067573	157.174	ng/ul#	87
14) Acetophenone	8.54	105	6795310	178.922	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.56	70	3639425	179.101	ng/ul#	88
16) 4-Methylphenol	8.51	108	4857136	193.366	ng/ul	98
17) Hexachloroethane	8.78	117	1759817	169.581	ng/ul	100
20) Nitrobenzene	8.92	77	5350123	173.071	ng/ul	97
21) Isophorone	9.45	82	10522229	174.321	ng/ul	99
23) 2-Nitrophenol	9.62	139	2775274	218.675	ng/ul	91
24) 2,4-Dimethylphenol	9.69	107	5390709	168.122	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.92	93	6277761	169.032	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	4510523	172.734	ng/ul	98
28) Naphthalene	10.54	128	13454106	146.410	ng/ul	96
30) 4-Chloroaniline	10.66	127	4120052	136.991	ng/ul	99
31) Hexachlorobutadiene	10.82	225	2648939	151.992	ng/ul	99
32) Caprolactam	11.49	113	1008081	128.944	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.81	107	5177078	186.369	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	9872600	150.604	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	5089080	142.482	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	3682817	154.725	ng/ul	98
38) 2,4,6-Trichlorophenol	12.78	196	3770272	177.722	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	3970661	178.673	ng/ul	99
40) 1,1'-Biphenyl	13.18	154	12002019	133.193	ng/ul#	93
41) 2-Chloronaphthalene	13.22	162	9887717	141.596	ng/ul	97
42) 2-Nitroaniline	13.44	65	3702795	227.563	ng/ul	85
44) Dimethylphthalate	13.82	163	12316782	143.782	ng/ul#	96
45) 2,6-Dinitrotoluene	13.95	165	3077488	222.434	ng/ul	99
47) Acenaphthylene	14.07	152	13958710	130.329	ng/ul#	88
48) 3-Nitroaniline	14.27	138	2852876	204.130	ng/ul	96
49) Acenaphthene	14.42	153	10386418	138.894	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	2145045	358.238	ng/ul#	1
52) 4-Nitrophenol	14.62	109	1981293	180.647	ng/ul#	82
53) Dibenzofuran	14.76	168	13590523	132.441	ng/ul	95
54) 2,4-Dinitrotoluene	14.74	165	4172408	208.907	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.99	232	3494280	184.826	ng/ul	97
56) Diethylphthalate	15.19	149	12543168	146.356	ng/ul	94
58) Fluorene	15.41	166	10688114	127.867	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	5518634	128.903	ng/ul	94
60) 4-Nitroaniline	15.46	138	3453334	218.749	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.51	198	2725652	232.794	ng/ul	99
64) N-Nitrosodiphenylamine	15.62	169	10235676	134.831	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	3956723	138.897	ng/ul	92
66) Hexachlorobenzene	16.41	284	4323632	135.739	ng/ul	94
67) Atrazine	16.59	200	3970470	150.162	ng/ul	97
68) Pentachlorophenol	16.76	266	2877031	171.871	ng/ul	99
69) Phenanthrene	17.14	178	16190093	118.924	ng/ul#	90
71) Anthracene	17.23	178	15116586	109.060	ng/ul#	86
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	5456209	140.058	ng/uL	98
73) Pentachlorobenzene	14.67	250	4945804	131.787	ng/uL	100
74) Carbazole	17.50	167	15606457	136.004	ng/ul#	90
76) Fluoranthene	19.16	202	16598905	117.890	ng/ul#	82
79) Pyrene	19.53	202	15545854	110.949	ng/ul#	78
80) Butylbenzylphthalate	20.44	149	10089825	205.741	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.22	252	6441077	158.683	ng/ul	99
82) Benzo(a)anthracene	21.28	228	16439312	125.010	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.22	149	11717564	160.221	ng/ul#	86
84) Chrysene	21.34	228	15081359	122.799	ng/ul#	77
87) Benzo(b)fluoranthene	22.89	252	18595049	137.155	ng/ul	95
88) Benzo(k)fluoranthene	22.93	252	16902608	129.548	ng/ul#	88
90) Benzo(a)pyrene	23.47	252	17063769	134.472	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.82	276	19033071	133.742	ng/ul	98
92) Dibenzo(a,h)anthracene	25.84	278	15325971	128.427	ng/ul	98
93) Benzo(g,h,i)perylene	26.52	276	16143971	139.534	ng/ul	99

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

