

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022018\
 Data File : BN000134.D
 Acq On : 20 Feb 2018 14:50
 Operator : JU/SJ
 Sample : SSTD04075
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04075

Quant Time: Feb 20 16:46:00 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 16:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	185563	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	895464	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.07	164	501300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	1021752	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	1052283	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1143063	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	70245	39.26	ng/uL	0.00
5) Phenol-d5	7.58	99	768250	40.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	427119	40.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	541424	42.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.16	113	615384	40.61	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	265276	45.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	258997	46.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	532176	42.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	675487	48.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	1564993	41.05	ng/ul	0.00
47) Acenaphthylene-d8	14.77	160	2055762	41.96	ng/ul	0.00
52) 4-Nitrophenol-d4	15.23	143	312473	41.27	ng/ul	0.00
58) Fluorene-d10	16.05	176	1324258	39.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.15	200	191797	41.82	ng/ul	0.00
71) Anthracene-d10	17.89	188	1974667	41.18	ng/ul	0.00
79) Pyrene-d10	20.13	212	2056939	41.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	2119036	40.91	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.65	88	74694	37.892	ng/uL#	88
4) Benzaldehyde	7.58	77	333337	53.977	ng/ul	89
6) Phenol	7.61	94	804412	40.503	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.86	93	604821	40.253	ng/ul	95
10) 2-Chlorophenol	8.01	128	567504	41.703	ng/ul	97
11) 2-Methylphenol	8.89	108	587194	40.709	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.99	45	657729	40.411	ng/ul#	93
14) Acetophenone	9.29	105	975254	40.971	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.27	70	463380	43.111	ng/ul	93
16) 4-Methylphenol	9.22	108	661168	40.909	ng/ul	93
17) Hexachloroethane	9.56	117	214165	41.175	ng/ul#	69
20) Nitrobenzene	9.68	77	697027	42.795	ng/ul	94
21) Isophorone	10.20	82	1350957	43.871	ng/ul	99
23) 2-Nitrophenol	10.40	139	301747	46.026	ng/ul	92
24) 2,4-Dimethylphenol	10.44	107	716990	42.083	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.68	93	866704	41.222	ng/ul	98
27) 2,4-Dichlorophenol	10.93	162	531656	42.376	ng/ul#	94
28) Naphthalene	11.35	128	1895911	40.038	ng/ul	99
30) 4-Chloroaniline	11.45	127	695263	48.027	ng/ul	98
31) Hexachlorobutadiene	11.62	225	268776	40.443	ng/ul	97
32) Caprolactam	12.19	113	196999	41.431	ng/ul	82
33) 4-Chloro-3-methylphenol	12.53	107	648985	42.137	ng/ul	98
34) 2-Methylnaphthalene	12.93	142	1319413	39.980	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	1323615	39.968	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	556537	40.496	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	280827	42.220	ng/ul	98
39) 2,4,6-Trichlorophenol	13.51	196	376206	43.421	ng/ul	99
40) 2,4,5-Trichlorophenol	13.58	196	405992	43.596	ng/ul	98
41) 1,1'-Biphenyl	13.91	154	1659439	40.407	ng/ul#	96
42) 2-Chloronaphthalene	13.96	162	1279315	40.563	ng/ul	95
43) 2-Nitroaniline	14.15	65	378405	46.854	ng/ul	95
45) Dimethylphthalate	14.50	163	1562240	40.340	ng/ul#	99
46) 2,6-Dinitrotoluene	14.63	165	303453	46.900	ng/ul#	86
48) Acenaphthylene	14.80	152	2052478	41.285	ng/ul	99
49) 3-Nitroaniline	14.96	138	336112	43.408	ng/ul#	91
50) Acenaphthene	15.13	153	1405408	40.086	ng/ul	98
51) 2,4-Dinitrophenol	15.16	184	118283	39.411	ng/ul#	65
53) 4-Nitrophenol	15.24	109	260665	40.815	ng/ul	85
54) Dibenzofuran	15.46	168	1925401	39.563	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	451501	45.114	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.67	232	323250	43.027	ng/ul#	94
57) Diethylphthalate	15.85	149	1608547	41.227	ng/ul	96
59) Fluorene	16.10	166	1538041	39.365	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.09	204	693703	39.309	ng/ul#	86
61) 4-Nitroaniline	16.11	138	370460	39.990	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	209234	42.137	ng/ul#	88
65) N-Nitrosodiphenylamine	16.29	169	1323252	41.643	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	385937	41.511	ng/ul#	88
67) Hexachlorobenzene	17.09	284	420666	40.608	ng/ul#	83
68) Atrazine	17.22	200	413431	43.036	ng/ul	97
69) Pentachlorophenol	17.43	266	235760	41.944	ng/ul	97
70) Phenanthrene	17.83	178	2387867	39.945	ng/ul	99
72) Anthracene	17.92	178	2467016	40.527	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	565669	41.899	ng/uL	99
74) Pentachlorobenzene	15.37	250	533762	41.304	ng/uL	98
75) Carbazole	18.18	167	2253264	41.310	ng/ul	97
76) Di-n-butylphthalate	18.70	149	2633016	44.493	ng/ul	99
77) Fluoranthene	19.80	202	2560858	40.919	ng/ul#	81
80) Pyrene	20.16	202	2680791	40.475	ng/ul#	76
81) Butylbenzylphthalate	21.02	149	1202253	46.915	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.80	252	807011	42.594	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	2624154	40.425	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	1764942	45.838	ng/ul#	97
85) Chrysene	21.94	228	2491377	39.700	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	3109595	44.586	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	2680160	40.378	ng/ul#	95
89) Benzo(k)fluoranthene	23.67	252	2675405	40.850	ng/ul#	95
91) Benzo(a)pyrene	24.27	252	2704989	40.869	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.94	276	3176081	41.048	ng/ul#	78
93) Dibenzo(a,h)anthracene	26.94	278	2649600	41.080	ng/ul#	90
94) Benzo(g,h,i)perylene	27.73	276	2646214	40.996	ng/ul#	86

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

