

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000451.D
 Acq On : 19 Mar 2018 12:31
 Operator : JU/SJ
 Sample : SSTD08015
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD08015

Quant Time: Mar 19 13:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 19 12:03:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	225023	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	865982	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	401897	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	747328	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	660631	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	697536	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	207610	38.27	ng/uL	0.00
5) Phenol-d5	7.57	99	1622981	71.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	941858	73.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	1237834	79.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	1221464	66.47	ng/ul	0.01
19) Nitrobenzene-d5	9.61	128	581623	102.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.34	143	611801	113.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	1025605	85.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.40	131	1027573	76.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.44	166	2405905	78.71	ng/ul	0.00
46) Acenaphthylene-d8	14.75	160	3283494	83.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	478718	78.87	ng/ul	0.01
57) Fluorene-d10	16.03	176	2014435	75.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	371631	110.80	ng/ul	0.00
70) Anthracene-d10	17.87	188	2791388	79.59	ng/ul	0.00
76) Pyrene-d10	20.12	212	2745114	87.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2587592	81.86	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.64	88	221937	37.137	ng/uL#	86
4) Benzaldehyde	7.54	77	490168	65.451	ng/ul	92
6) Phenol	7.60	94	1651678	68.581	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.83	93	1326205	72.785	ng/ul	94
10) 2-Chlorophenol	7.98	128	1253436	75.956	ng/ul	97
11) 2-Methylphenol	8.87	108	1194041	68.264	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.95	45	1403943	71.133	ng/ul#	93
14) Acetophenone	9.26	105	1807731	62.627	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.25	70	890175	68.296	ng/ul	93
16) 4-Methylphenol	9.21	108	1251835	63.873	ng/ul	95
17) Hexachloroethane	9.53	117	538116	85.315	ng/ul#	71
20) Nitrobenzene	9.65	77	1397943	88.751	ng/ul	94
21) Isophorone	10.18	82	2493742	83.740	ng/ul	99
23) 2-Nitrophenol	10.37	139	645339	101.787	ng/ul	91
24) 2,4-Dimethylphenol	10.41	107	1301460	78.989	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.65	93	1599283	78.655	ng/ul	97
27) 2,4-Dichlorophenol	10.91	162	988049	81.434	ng/ul#	94
28) Naphthalene	11.32	128	3519989	76.866	ng/ul	99
30) 4-Chloroaniline	11.42	127	1045907	74.708	ng/ul	98
31) Hexachlorobutadiene	11.58	225	568533	88.460	ng/ul	97
32) Caprolactam	12.19	113	341977	74.353	ng/ul	85
33) 4-Chloro-3-methylphenol	12.52	107	1109336	74.479	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	2268616	71.083	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.26	216	988066	89.679	ng/ul#	95
37) Hexachlorocyclopentadiene	13.23	237	583933	109.502	ng/ul	98
38) 2,4,6-Trichlorophenol	13.49	196	673519	96.963	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	693131	92.838	ng/ul	98
40) 1,1'-Biphenyl	13.88	154	2678771	81.360	ng/ul#	95
41) 2-Chloronaphthalene	13.94	162	2104979	83.250	ng/ul	95
42) 2-Nitroaniline	14.13	65	652721	100.808	ng/ul	96
44) Dimethylphthalate	14.48	163	2367557	76.256	ng/ul	98
45) 2,6-Dinitrotoluene	14.62	165	523372	100.897	ng/ul	95
47) Acenaphthylene	14.78	152	3191321	80.069	ng/ul	99
48) 3-Nitroaniline	14.94	138	515597	83.057	ng/ul#	91
49) Acenaphthene	15.11	153	2158425	76.790	ng/ul	98
50) 2,4-Dinitrophenol	15.15	184	265610	110.388	ng/ul#	80
52) 4-Nitrophenol	15.24	109	366231	71.528	ng/ul	83
53) Dibenzofuran	15.44	168	2894606	74.189	ng/ul	100
54) 2,4-Dinitrotoluene	15.40	165	717922	89.478	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.66	232	524076	87.012	ng/ul#	92
56) Diethylphthalate	15.83	149	2382415	76.163	ng/ul	96
58) Fluorene	16.08	166	2254176	71.964	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	1047246	74.020	ng/ul#	86
60) 4-Nitroaniline	16.10	138	590951	79.569	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.17	198	391135	107.693	ng/ul#	91
64) N-Nitrosodiphenylamine	16.28	169	1924352	82.797	ng/ul	99
65) 4-Bromophenyl-phenylether	16.95	248	609180	89.583	ng/ul#	90
66) Hexachlorobenzene	17.08	284	641511	84.667	ng/ul#	86
67) Atrazine	17.21	200	606540	86.322	ng/ul	96
68) Pentachlorophenol	17.42	266	361889	88.026	ng/ul	97
69) Phenanthrene	17.81	178	3323471	76.011	ng/ul	99
71) Anthracene	17.91	178	3390568	76.152	ng/ul	99
72) Carbazole	18.17	167	3058601	76.665	ng/ul#	97
73) Di-n-butylphthalate	18.68	149	3852597	89.007	ng/ul	100
74) Fluoranthene	19.80	202	3467206	75.745	ng/ul#	79
77) Pyrene	20.15	202	3476080	83.596	ng/ul#	74
78) Butylbenzylphthalate	21.00	149	1771849	110.134	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.80	252	1077435	90.581	ng/ul#	95
80) Benzo(a)anthracene	21.88	228	3259760	79.988	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	2503960	103.585	ng/ul#	97
82) Chrysene	21.94	228	3059357	77.651	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	4299100	101.013	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	3241799	80.033	ng/ul#	94
86) Benzo(k)fluoranthene	23.68	252	3160604	79.083	ng/ul#	94
88) Benzo(a)pyrene	24.28	252	3171491	78.522	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.97	276	3723900	78.869	ng/ul#	77
90) Dibenzo(a,h)anthracene	26.97	278	3067979	77.948	ng/ul#	91
91) Benzo(g,h,i)perylene	27.76	276	3172998	80.555	ng/ul#	86

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

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