

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000159.D
 Acq On : 22 Feb 2018 13:31
 Operator : JU/SJ
 Sample : MDL-S-05
 Misc : 1 PPM/4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Quant Time: Feb 22 14:08:44 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 22 11:03:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	131490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	644706	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	369039	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	807879	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	902449	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1001946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	14086	4.44	ng/uL	0.00
5) Phenol-d5	7.58	99	346764	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	221306	29.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	251057	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	285566	26.60	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	118081	27.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	107168	26.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	238696	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	409156	40.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	826028	29.43	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1058383	29.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	124014	22.25	ng/ul	0.00
58) Fluorene-d10	16.04	176	734480	29.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	71952	19.84	ng/ul	0.00
71) Anthracene-d10	17.88	188	1124924	29.67	ng/ul	0.00
79) Pyrene-d10	20.13	212	1218499	28.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1348470	29.70	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.66	88	4613	1.321	ng/uL	95
4) Benzaldehyde	7.57	77	27802	6.353	ng/ul	97
6) Phenol	7.60	94	56427	4.010	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.85	93	47713	4.481	ng/ul	96
10) 2-Chlorophenol	8.00	128	39916	4.139	ng/ul	98
11) 2-Methylphenol	8.89	108	35293	3.453	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.98	45	50647	4.391	ng/ul#	94
14) Acetophenone	9.28	105	67993	4.031	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	28056	3.684	ng/ul#	92
16) 4-Methylphenol	9.21	108	44409	3.878	ng/ul	94
17) Hexachloroethane	9.56	117	14694	3.987	ng/ul#	66
20) Nitrobenzene	9.67	77	51617	4.402	ng/ul	96
21) Isophorone	10.19	82	75816	3.420	ng/ul	99
23) 2-Nitrophenol	10.39	139	19239	4.076	ng/ul	99
24) 2,4-Dimethylphenol	10.43	107	46272	3.772	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.67	93	62344	4.119	ng/ul	94
27) 2,4-Dichlorophenol	10.92	162	36742	4.068	ng/ul#	89
28) Naphthalene	11.35	128	152311	4.468	ng/ul	100
30) 4-Chloroaniline	11.44	127	39391	3.779	ng/ul	95
31) Hexachlorobutadiene	11.62	225	20997	4.388	ng/ul	97
32) Caprolactam	12.16	113	9905	2.893	ng/ul	86
33) 4-Chloro-3-methylphenol	12.52	107	35561	3.207	ng/ul	98
34) 2-Methylnaphthalene	12.92	142	101164	4.258	ng/ul	99

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35) 1-Methylnaphthalene	13.13	142	99311	4.165	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	44462	4.395	ng/ul#	92
38) Hexachlorocyclopentadiene	13.26	237	15449	3.155	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.50	196	20502	3.214	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	22213	3.240	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	135795	4.492	ng/ul#	94
42) 2-Chloronaphthalene	13.95	162	101262	4.361	ng/ul	94
43) 2-Nitroaniline	14.14	65	16821	2.829	ng/ul	93
45) Dimethylphthalate	14.50	163	124859	4.380	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	12897	2.708	ng/ul#	69
48) Acenaphthylene	14.79	152	164538	4.496	ng/ul	99
49) 3-Nitroaniline	14.95	138	15101	2.649	ng/ul#	78
50) Acenaphthene	15.13	153	115780	4.486	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	4501	2.037	ng/ul#	21
53) 4-Nitrophenol	15.23	109	18111	3.852	ng/ul	88
54) Dibenzofuran	15.46	168	164311	4.586	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	24350	3.305	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.67	232	17366	3.140	ng/ul#	96
57) Diethylphthalate	15.84	149	110720	3.855	ng/ul	94
59) Fluorene	16.10	166	131384	4.568	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.08	204	60266	4.639	ng/ul#	85
61) 4-Nitroaniline	16.10	138	21496	3.152	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.15	198	13163	3.353	ng/ul#	54
65) N-Nitrosodiphenylamine	16.29	169	101428	4.037	ng/ul	97
66) 4-Bromophenyl-phenylether	16.97	248	28876	3.928	ng/ul#	79
67) Hexachlorobenzene	17.09	284	35111	4.287	ng/ul#	80
68) Atrazine	17.21	200	21336	2.809	ng/ul	96
69) Pentachlorophenol	17.42	266	9973	2.244	ng/ul	93
70) Phenanthrene	17.82	178	211305	4.471	ng/ul	99
72) Anthracene	17.92	178	215377	4.475	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	45663	4.278	ng/uL	95
74) Pentachlorobenzene	15.37	250	43889	4.295	ng/uL	96
75) Carbazole	18.17	167	173009	4.012	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	138646	2.963	ng/ul	98
77) Fluoranthene	19.80	202	201941	4.081	ng/ul#	80
80) Pyrene	20.16	202	247223	4.352	ng/ul#	77
81) Butylbenzylphthalate	21.01	149	50277	2.288	ng/ul#	83
82) 3,3'-Dichlorobenzidine	21.80	252	41738	2.569	ng/ul#	92
83) Benzo(a)anthracene	21.88	228	228910	4.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	72482	2.195	ng/ul#	96
85) Chrysene	21.93	228	241081	4.479	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	127778	2.090	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	239631	4.119	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	234580	4.086	ng/ul#	93
91) Benzo(a)pyrene	24.26	252	258088	4.449	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	267917	3.950	ng/ul#	77
93) Dibenzo(a,h)anthracene	26.93	278	227691	4.027	ng/ul#	91
94) Benzo(g,h,i)perylene	27.70	276	231518	4.092	ng/ul#	85

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

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