

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000150.D
 Acq On : 21 Feb 2018 15:42
 Operator : JU/SJ
 Sample : MDL-W-02
 Misc : 1 PPM/4 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-02

Quant Time: Feb 21 16:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 16:56:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	118189	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	587130	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	346338	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	755083	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	848937	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	937592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12336	4.33	ng/uL	0.00
5) Phenol-d5	7.58	99	316847	26.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	198185	29.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	225997	27.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	257067	26.64	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	106034	27.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	93409	25.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	212192	26.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	373630	41.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	749357	28.45	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	955430	28.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	115192	22.02	ng/ul	0.00
58) Fluorene-d10	16.05	176	664023	28.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	61904	18.27	ng/ul	0.00
71) Anthracene-d10	17.88	188	1020764	28.81	ng/ul	0.00
79) Pyrene-d10	20.13	212	1120917	27.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1241381	29.22	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	3974	1.266 ng/uL#	87
4) Benzaldehyde	7.58	77	30879	7.850 ng/ul	89
6) Phenol	7.60	94	48244	3.814 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.86	93	40051	4.185 ng/ul	95
10) 2-Chlorophenol	8.00	128	34337	3.962 ng/ul	98
11) 2-Methylphenol	8.89	108	29611	3.223 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.98	45	44384	4.281 ng/ul	95
14) Acetophenone	9.29	105	58621	3.867 ng/ul	94
15) N-Nitroso-di-n-propylamine	9.26	70	23935	3.496 ng/ul#	90
16) 4-Methylphenol	9.22	108	38567	3.747 ng/ul	91
17) Hexachloroethane	9.56	117	12309	3.716 ng/ul#	67
20) Nitrobenzene	9.68	77	44306	4.149 ng/ul	96
21) Isophorone	10.20	82	66288	3.283 ng/ul	94
23) 2-Nitrophenol	10.39	139	16208	3.771 ng/ul	93
24) 2,4-Dimethylphenol	10.43	107	40702	3.644 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.68	93	54613	3.962 ng/ul	96
27) 2,4-Dichlorophenol	10.93	162	30790	3.743 ng/ul#	91
28) Naphthalene	11.35	128	129623	4.175 ng/ul	99
30) 4-Chloroaniline	11.44	127	41558	4.378 ng/ul	92
31) Hexachlorobutadiene	11.62	225	16869	3.871 ng/ul	91
32) Caprolactam	12.16	113	8972	2.877 ng/ul#	78
33) 4-Chloro-3-methylphenol	12.52	107	31724	3.141 ng/ul	95
34) 2-Methylnaphthalene	12.92	142	86959	4.019 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	84668	3.899	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	38397	4.044	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	13308	2.896	ng/ul	98
39) 2,4,6-Trichlorophenol	13.50	196	16931	2.828	ng/ul	96
40) 2,4,5-Trichlorophenol	13.57	196	19093	2.968	ng/ul	90
41) 1,1'-Biphenyl	13.90	154	116541	4.107	ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	87653	4.023	ng/ul	95
43) 2-Nitroaniline	14.15	65	14482	2.595	ng/ul	95
45) Dimethylphthalate	14.50	163	107494	4.018	ng/ul	99
46) 2,6-Dinitrotoluene	14.63	165	10985	2.457	ng/ul#	68
48) Acenaphthylene	14.79	152	140048	4.077	ng/ul	99
49) 3-Nitroaniline	14.96	138	13962	2.610	ng/ul#	93
50) Acenaphthene	15.13	153	98901	4.083	ng/ul	96
51) 2,4-Dinitrophenol	15.15	184	3630	1.751	ng/ul#	1
53) 4-Nitrophenol	15.23	109	15776	3.575	ng/ul	91
54) Dibenzofuran	15.46	168	140335	4.174	ng/ul	100
55) 2,4-Dinitrotoluene	15.40	165	20776	3.005	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.67	232	15125	2.914	ng/ul	99
57) Diethylphthalate	15.85	149	94740	3.515	ng/ul	94
59) Fluorene	16.10	166	113892	4.219	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	51950	4.261	ng/ul#	81
61) 4-Nitroaniline	16.10	138	18047	2.820	ng/ul#	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	10458	2.850	ng/ul#	75
65) N-Nitrosodiphenylamine	16.29	169	88080	3.751	ng/ul	100
66) 4-Bromophenyl-phenylether	16.97	248	25454	3.705	ng/ul#	80
67) Hexachlorobenzene	17.09	284	28925	3.778	ng/ul#	75
68) Atrazine	17.22	200	18860	2.657	ng/ul	94
69) Pentachlorophenol	17.43	266	8524	2.052	ng/ul	95
70) Phenanthrene	17.83	178	180672	4.090	ng/ul	99
72) Anthracene	17.92	178	183806	4.086	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	39860	3.995	ng/uL	95
74) Pentachlorobenzene	15.37	250	37442	3.921	ng/uL	97
75) Carbazole	18.17	167	148278	3.678	ng/ul#	95
76) Di-n-butylphthalate	18.70	149	118315	2.705	ng/ul#	98
77) Fluoranthene	19.80	202	175173	3.788	ng/ul#	80
80) Pyrene	20.16	202	215774	4.038	ng/ul#	77
81) Butylbenzylphthalate	21.01	149	43066	2.083	ng/ul#	79
82) 3,3'-Dichlorobenzidine	21.80	252	41435	2.711	ng/ul#	92
83) Benzo(a)anthracene	21.88	228	198459	3.790	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	64343	2.071	ng/ul#	93
85) Chrysene	21.93	228	207522	4.099	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	107801	1.884	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	206543	3.794	ng/ul#	93
89) Benzo(k)fluoranthene	23.66	252	204094	3.799	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	224298	4.132	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	233382	3.677	ng/ul#	78
93) Dibenzo(a,h)anthracene	26.93	278	196289	3.710	ng/ul#	89
94) Benzo(g,h,i)perylene	27.70	276	198101	3.742	ng/ul#	87

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

