

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
 Data File : BG028042.D
 Acq On : 28 Jul 2017 1:06
 Operator : SJ/JU
 Sample : MDL-S-05
 Misc : 4 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-S-05

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:01 PM

Quant Time: Jul 28 04:09:48 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 28 02:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	30896	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	137979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	107054	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	312035	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	411618	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	410946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3188	6.69	ng/uL	0.00
5) Phenol-d5	7.51	99	64219	27.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	34341	29.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	58665	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	58008	27.85	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29196	30.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	37285	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68374	28.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	83632	34.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	308270	31.82	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	317945	30.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	37787	25.96	ng/ul	0.00
58) Fluorene-d10	15.96	176	271165	30.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	59193	26.64	ng/ul	0.00
71) Anthracene-d10	17.82	188	468985	31.39	ng/ul	0.00
79) Pyrene-d10	20.10	212	591987	32.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	586441	31.03	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.88	88	899	1.759	ng/uL#	69
4) Benzaldehyde	7.51	77	1070	0.927	ng/ul#	65
6) Phenol	7.54	94	7038	3.109	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.77	93	5845	3.648	ng/ul#	82
10) 2-Chlorophenol	7.94	128	6454	3.561	ng/ul#	83
11) 2-Methylphenol	8.79	108	5020	2.845	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7596	3.612	ng/ul#	93
14) Acetophenone	9.19	105	10304	3.404	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.16	70	4973	3.500	ng/ul#	90
16) 4-Methylphenol	9.12	108	6200	3.167	ng/ul	80
17) Hexachloroethane	9.46	117	2343	3.232	ng/ul#	55
20) Nitrobenzene	9.57	77	7116	3.436	ng/ul#	83
21) Isophorone	10.09	82	13808	3.489	ng/ul#	90
23) 2-Nitrophenol	10.29	139	4246m	3.587	ng/ul	
24) 2,4-Dimethylphenol	10.33	107	7785	3.288	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.57	93	8247	3.587	ng/ul#	90
27) 2,4-Dichlorophenol	10.83	162	7784	3.379	ng/ul#	79
28) Naphthalene	11.24	128	22247	3.572	ng/ul	96
30) 4-Chloroaniline	11.34	127	5646	2.433	ng/ul	93
31) Hexachlorobutadiene	11.51	225	7318	3.672	ng/ul	92
32) Caprolactam	12.13	113	1890m	2.556	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7062	3.146	ng/ul#	87
34) 2-Methylnaphthalene	12.82	142	18677	3.475	ng/ul	95

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35) 1-Methylnaphthalene	13.04	142	18244	3.501	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	15661	3.797	ng/ul#	95
38) Hexachlorocyclopentadiene	13.16	237	5570	2.303	ng/ul	95
39) 2,4,6-Trichlorophenol	13.42	196	7179	2.916	ng/ul	89
40) 2,4,5-Trichlorophenol	13.49	196	7569	2.894	ng/ul	92
41) 1,1'-Biphenyl	13.80	154	27156	3.490	ng/ul#	97
42) 2-Chloronaphthalene	13.86	162	21551	3.434	ng/ul	97
43) 2-Nitroaniline	14.06	65	4378	2.960	ng/ul	91
45) Dimethylphthalate	14.41	163	32447	3.656	ng/ul	96
46) 2,6-Dinitrotoluene	14.53	165	5197	2.917	ng/ul#	82
48) Acenaphthylene	14.70	152	36413	3.666	ng/ul	98
49) 3-Nitroaniline	14.89	138	4805m	3.245	ng/ul	
50) Acenaphthene	15.03	153	24268	3.568	ng/ul	93
51) 2,4-Dinitrophenol	15.09	184	1947	1.712	ng/ul#	87
53) 4-Nitrophenol	15.17	109	4048	3.420	ng/ul	83
54) Dibenzofuran	15.37	168	37643	3.640	ng/ul	100
55) 2,4-Dinitrotoluene	15.32	165	9229	3.468	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.59	232	8053	2.892	ng/ul#	86
57) Diethylphthalate	15.77	149	31359	3.365	ng/ul	97
59) Fluorene	16.02	166	32172	3.586	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	19037	3.552	ng/ul	93
61) 4-Nitroaniline	16.04	138	5192	2.952	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	16.08	198	7031	3.303	ng/ul#	82
65) N-Nitrosodiphenylamine	16.21	169	28006	3.556	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	13974	3.483	ng/ul#	90
67) Hexachlorobenzene	17.02	284	16353	3.584	ng/ul#	91
68) Atrazine	17.15	200	11680	3.108	ng/ul	97
69) Pentachlorophenol	17.37	266	4663	1.957	ng/ul#	84
70) Phenanthrene	17.76	178	56640	3.651	ng/ul	97
72) Anthracene	17.86	178	57624	3.567	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	15550	3.573	ng/uL	94
74) Pentachlorobenzene	15.29	250	22243	3.439	ng/uL	95
75) Carbazole	18.12	167	45695	3.455	ng/ul	99
76) Di-n-butylphthalate	18.65	149	46868	3.191	ng/ul#	97
77) Fluoranthene	19.76	202	73444	3.704	ng/ul#	92
80) Pyrene	20.13	202	81538	3.816	ng/ul#	93
81) Butylbenzylphthalate	21.00	149	19927	3.139	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.94	252	22424	2.978	ng/ul#	99
83) Benzo(a)anthracene	22.04	228	77767	3.557	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	27346	2.944	ng/ul#	92
85) Chrysene	22.11	228	74342	3.717	ng/ul	97
87) Di-n-octyl phthalate	23.21	149	46109	2.847	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	79696m	3.483	ng/ul	
89) Benzo(k)fluoranthene	24.52	252	76167	3.415	ng/ul	99
91) Benzo(a)pyrene	25.41	252	76426	3.472	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.60	276	90614m	3.392	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	77568m	3.385	ng/ul	
94) Benzo(g,h,i)perylene	30.87	276	76006	3.432	ng/ul	98

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

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