

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
 Data File : BG028040.D
 Acq On : 27 Jul 2017 23:47
 Operator : SJ/JU
 Sample : MDL-S-03
 Misc : 4 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-S-03

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:45:57 PM

Quant Time: Jul 28 05:45:47 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	32832	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	142072	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	113691	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	333641	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	434045	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	436412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3140	6.20	ng/uL	0.00
5) Phenol-d5	7.51	99	68723	27.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	38101	30.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	64337	30.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	61692	27.87	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31999	32.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	42125	33.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	74888	30.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	90194	35.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	339340	32.98	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	342032	30.73	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	43550	28.18	ng/ul	0.00
58) Fluorene-d10	15.96	176	297582	31.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	64819	27.28	ng/ul	0.00
71) Anthracene-d10	17.82	188	508982	31.86	ng/ul	0.00
79) Pyrene-d10	20.10	212	634927	32.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	633638	31.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.89	88	1015	1.869 ng/uL	97
4) Benzaldehyde	7.51	77	1166m	0.950 ng/ul	
6) Phenol	7.54	94	8529	3.546 ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.78	93	6756	3.968 ng/ul	97
10) 2-Chlorophenol	7.93	128	6727	3.493 ng/ul	93
11) 2-Methylphenol	8.79	108	6089	3.247 ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.89	45	8094	3.622 ng/ul#	94
14) Acetophenone	9.19	105	12293	3.822 ng/ul	86
15) N-Nitroso-di-n-propylamine	9.16	70	5702	3.777 ng/ul#	84
16) 4-Methylphenol	9.12	108	7054	3.390 ng/ul#	78
17) Hexachloroethane	9.46	117	2786	3.616 ng/ul	95
20) Nitrobenzene	9.58	77	8017	3.760 ng/ul#	92
21) Isophorone	10.09	82	15668	3.845 ng/ul#	89
23) 2-Nitrophenol	10.29	139	4955	4.066 ng/ul	93
24) 2,4-Dimethylphenol	10.33	107	9294	3.813 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.57	93	9567	4.041 ng/ul#	90
27) 2,4-Dichlorophenol	10.83	162	9057	3.818 ng/ul#	85
28) Naphthalene	11.24	128	26172	4.081 ng/ul#	96
30) 4-Chloroaniline	11.34	127	7006	2.932 ng/ul#	73
31) Hexachlorobutadiene	11.51	225	8107	3.950 ng/ul	93
32) Caprolactam	12.13	113	2534m	3.329 ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	8435	3.650 ng/ul	88
34) 2-Methylnaphthalene	12.82	142	22060	3.986 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	21464	4.000	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16986	3.878	ng/ul#	89
38) Hexachlorocyclopentadiene	13.15	237	7129	2.776	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.42	196	8505	3.253	ng/ul	98
40) 2,4,5-Trichlorophenol	13.49	196	8883	3.198	ng/ul	95
41) 1,1'-Biphenyl	13.81	154	31496	3.811	ng/ul#	98
42) 2-Chloronaphthalene	13.86	162	25454	3.819	ng/ul	99
43) 2-Nitroaniline	14.06	65	5401	3.439	ng/ul#	74
45) Dimethylphthalate	14.41	163	38393	4.073	ng/ul#	95
46) 2,6-Dinitrotoluene	14.54	165	6831	3.610	ng/ul#	94
48) Acenaphthylene	14.70	152	42037	3.985	ng/ul	98
49) 3-Nitroaniline	14.88	138	4879	3.103	ng/ul#	70
50) Acenaphthene	15.04	153	27844	3.854	ng/ul	94
51) 2,4-Dinitrophenol	15.09	184	2543m	2.105	ng/ul	
53) 4-Nitrophenol	15.17	109	4045	3.218	ng/ul#	81
54) Dibenzofuran	15.37	168	43888	3.996	ng/ul	94
55) 2,4-Dinitrotoluene	15.33	165	10621	3.758	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.60	232	9788	3.309	ng/ul#	90
57) Diethylphthalate	15.76	149	37164	3.755	ng/ul	97
59) Fluorene	16.02	166	37125	3.896	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	22833	4.012	ng/ul	97
61) 4-Nitroaniline	16.04	138	6657	3.564	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	16.09	198	8059	3.540	ng/ul#	77
65) N-Nitrosodiphenylamine	16.21	169	31896	3.787	ng/ul	99
66) 4-Bromophenyl-phenylether	16.90	248	16370	3.816	ng/ul#	88
67) Hexachlorobenzene	17.03	284	18810	3.855	ng/ul#	90
68) Atrazine	17.15	200	13632	3.393	ng/ul	97
69) Pentachlorophenol	17.37	266	5562	2.184	ng/ul	90
70) Phenanthrene	17.77	178	66086	3.984	ng/ul	97
72) Anthracene	17.86	178	68978	3.994	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	17023	3.658	ng/uL	99
74) Pentachlorobenzene	15.29	250	25435	3.678	ng/uL	95
75) Carbazole	18.13	167	52695	3.726	ng/ul	96
76) Di-n-butylphthalate	18.65	149	57362	3.653	ng/ul	99
77) Fluoranthene	19.76	202	86263	4.069	ng/ul#	93
80) Pyrene	20.13	202	92690	4.114	ng/ul#	95
81) Butylbenzylphthalate	20.99	149	22225	3.320	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.94	252	26041	3.279	ng/ul#	87
83) Benzo(a)anthracene	22.04	228	91457	3.967	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	33097	3.379	ng/ul#	96
85) Chrysene	22.11	228	85822	4.069	ng/ul	94
87) Di-n-octyl phthalate	23.21	149	54589	3.174	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	92867m	3.822	ng/ul	
89) Benzo(k)fluoranthene	24.52	252	89309	3.771	ng/ul#	98
91) Benzo(a)pyrene	25.40	252	89729	3.838	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.60	276	104056m	3.668	ng/ul	
93) Dibenzo(a,h)anthracene	29.68	278	89583m	3.681	ng/ul	
94) Benzo(g,h,i)perylene	30.88	276	88273m	3.753	ng/ul	

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

