Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028038.D
Acq On : 27 Jul 2017 22:27
Operator : SJ/JU
Sample : MDL-S-01
Misc : 4 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-01

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Sohil
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Quant Time: Jul 28 02:46:39 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	30996	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	137232	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	105386	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	312661	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	417813	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	415132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3068	6.41	ng/uL	0.00
5) Phenol-d5	7.51	99	79679	34.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	45220	38.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	74276	37.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	73641	35.24	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	37586	39.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	48059	39.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	90626	37.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	104449	43.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	390118	40.90	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	399518	38.72	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	50675	35.37	ng/ul	0.00
58) Fluorene-d10	15.96	176	341720	38.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	79770	35.83	ng/ul	0.00
71) Anthracene-d10	17.82	188	603601	40.31	ng/ul	0.00
79) Pyrene-d10	20.10	212	753181	40.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	753804	39.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	795	1.550	ng/uL#	75
4) Benzaldehyde	7.54	77	1479m	1.277	ng/ul	
6) Phenol	7.54	94	8352	3.678	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.78	93	6175	3.842	ng/ul#	95
10) 2-Chlorophenol	7.94	128	6898	3.794	ng/ul#	85
11) 2-Methylphenol	8.80	108	5685	3.211	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7781	3.688	ng/ul	96
14) Acetophenone	9.19	105	11911	3.923	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.16	70	5936	4.164	ng/ul#	81
16) 4-Methylphenol	9.12	108	7509m	3.823	ng/ul	
17) Hexachloroethane	9.46	117	2736	3.762	ng/ul#	85
20) Nitrobenzene	9.57	77	8134	3.949	ng/ul#	83
21) Isophorone	10.09	82	16085	4.086	ng/ul#	93
23) 2-Nitrophenol	10.30	139	4600	3.908	ng/ul#	88
24) 2,4-Dimethylphenol	10.33	107	9459	4.017	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.57	93	9018	3.944	ng/ul#	89
27) 2,4-Dichlorophenol	10.83	162	8683	3.790	ng/ul	97
28) Naphthalene	11.24	128	24733	3.993	ng/ul	96
30) 4-Chloroaniline	11.34	127	7617	3.300	ng/ul	97
31) Hexachlorobutadiene	11.52	225	8064	4.068	ng/ul#	84
32) Caprolactam	12.13	113	2879m	3.915	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7718	3.457	ng/ul#	76
34) 2-Methylnaphthalene	12.82	142	21039	3.936	ng/ul	100

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35) 1-Methylnaphthalene	13.04	142	20380	3.932	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16515	4.068	ng/ul#	88
38) Hexachlorocyclopentadiene	13.16	237	6315	2.653	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.42	196	8352	3.447	ng/ul	96
40) 2,4,5-Trichlorophenol	13.50	196	8781	3.411	ng/ul	94
41) 1,1'-Biphenyl	13.81	154	31434	4.104	ng/ul#	96
42) 2-Chloronaphthalene	13.86	162	25348	4.103	ng/ul#	91
43) 2-Nitroaniline	14.06	65	4949	3.399	ng/ul	92
45) Dimethylphthalate	14.41	163	37267	4.265	ng/ul	100
46) 2,6-Dinitrotoluene	14.54	165	6180	3.523	ng/ul#	84
48) Acenaphthylene	14.70	152	40490	4.141	ng/ul	98
49) 3-Nitroaniline	14.88	138	4895	3.358	ng/ul#	91
50) Acenaphthene	15.04	153	26963	4.027	ng/ul	97
51) 2,4-Dinitrophenol	15.09	184	2517	2.248	ng/ul	98
53) 4-Nitrophenol	15.17	109	4116	3.532	ng/ul#	74
54) Dibenzofuran	15.37	168	43544	4.277	ng/ul	93
55) 2,4-Dinitrotoluene	15.33	165	9415	3.594	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.60	232	9658	3.523	ng/ul#	97
57) Diethylphthalate	15.77	149	36587	3.988	ng/ul	99
59) Fluorene	16.02	166	35965	4.072	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.00	204	21808	4.133	ng/ul	95
61) 4-Nitroaniline	16.04	138	6581	3.801	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	16.08	198	8588	4.026	ng/ul#	73
65) N-Nitrosodiphenylamine	16.21	169	31095	3.940	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	15703	3.906	ng/ul	92
67) Hexachlorobenzene	17.02	284	18479	4.042	ng/ul#	92
68) Atrazine	17.15	200	12736	3.382	ng/ul#	84
69) Pentachlorophenol	17.38	266	5936	2.487	ng/ul	93
70) Phenanthrene	17.76	178	63043	4.056	ng/ul	97
72) Anthracene	17.86	178	66778	4.126	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	16570	3.800	ng/uL	95
74) Pentachlorobenzene	15.29	250	25022	3.861	ng/uL	98
75) Carbazole	18.13	167	52031	3.926	ng/ul	100
76) Di-n-butylphthalate	18.65	149	55705	3.785	ng/ul	97
77) Fluoranthene	19.76	202	84030	4.230	ng/ul#	94
80) Pyrene	20.13	202	94627	4.363	ng/ul#	94
81) Butylbenzylphthalate	21.00	149	22741	3.529	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.94	252	25995	3.401	ng/ul#	97
83) Benzo(a)anthracene	22.04	228	89972	4.054	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	33626	3.567	ng/ul#	93
85) Chrysene	22.11	228	83290	4.103	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	55278	3.378	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	86985	3.764	ng/ul	97
89) Benzo(k)fluoranthene	24.52	252	90078	3.998	ng/ul#	92
91) Benzo(a)pyrene	25.41	252	88562	3.982	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.61	276	103307m	3.828	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	89162m	3.852	ng/ul	
94) Benzo(g,h,i)perylene	30.87	276	87254	3.900	ng/ul	95

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

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