Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028051.D
Acq On : 28 Jul 2017 11:28
Operator : SJ/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-03

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Quant Time: Jul 28 13:52:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	32509	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	140706	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	113915	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	328825	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	434629	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	429301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3402	6.78	ng/uL	0.00
5) Phenol-d5	7.51	99	63527	25.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	35631	29.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	61642	29.78	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	62616	28.57	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29945	30.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	38878	31.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	72309	29.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	84888	34.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	320442	31.08	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	332034	29.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	42227	27.27	ng/ul	0.00
58) Fluorene-d10	15.96	176	282861	29.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	62536	26.71	ng/ul	0.00
71) Anthracene-d10	17.82	188	488066	31.00	ng/ul	0.00
79) Pyrene-d10	20.10	212	606243	31.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	611003	30.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	739	1.374	ng/uL#	74
4) Benzaldehyde	7.51	77	938	0.772	ng/ul#	65
6) Phenol	7.54	94	7667	3.219	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.77	93	6398	3.795	ng/ul#	83
10) 2-Chlorophenol	7.93	128	7195	3.773	ng/ul#	73
11) 2-Methylphenol	8.80	108	6063	3.265	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7767	3.510	ng/ul#	95
14) Acetophenone	9.19	105	11638	3.654	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.16	70	5792	3.874	ng/ul#	87
16) 4-Methylphenol	9.12	108	6537	3.173	ng/ul	83
17) Hexachloroethane	9.46	117	2863	3.753	ng/ul#	53
20) Nitrobenzene	9.58	77	7708	3.650	ng/ul#	87
21) Isophorone	10.09	82	15717	3.894	ng/ul#	92
23) 2-Nitrophenol	10.29	139	4761	3.945	ng/ul	88
24) 2,4-Dimethylphenol	10.33	107	8653	3.584	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.57	93	9442	4.027	ng/ul#	95
27) 2,4-Dichlorophenol	10.83	162	9040	3.848	ng/ul#	76
28) Naphthalene	11.24	128	25437	4.005	ng/ul	97
30) 4-Chloroaniline	11.34	127	6552	2.769	ng/ul	99
31) Hexachlorobutadiene	11.51	225	8020	3.946	ng/ul	96
32) Caprolactam	12.13	113	2698m	3.578	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	8133	3.553	ng/ul	95
34) 2-Methylnaphthalene	12.82	142	20274	3.699	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	20858	3.925	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16653	3.795	ng/ul#	91
38) Hexachlorocyclopentadiene	13.16	237	6738	2.619	ng/ul	97
39) 2,4,6-Trichlorophenol	13.42	196	8335	3.182	ng/ul#	93
40) 2,4,5-Trichlorophenol	13.49	196	8744	3.142	ng/ul#	73
41) 1,1'-Biphenyl	13.81	154	29890	3.610	ng/ul	92
42) 2-Chloronaphthalene	13.86	162	25797	3.863	ng/ul#	89
43) 2-Nitroaniline	14.06	65	4795	3.047	ng/ul	98
45) Dimethylphthalate	14.41	163	36969	3.914	ng/ul#	92
46) 2,6-Dinitrotoluene	14.53	165	6511	3.434	ng/ul	90
48) Acenaphthylene	14.70	152	41612	3.937	ng/ul	99
49) 3-Nitroaniline	14.88	138	5347	3.393	ng/ul#	73
50) Acenaphthene	15.04	153	27942	3.860	ng/ul	98
51) 2,4-Dinitrophenol	15.08	184	1776	1.468	ng/ul#	86
53) 4-Nitrophenol	15.17	109	4212m	3.344	ng/ul	
54) Dibenzofuran	15.37	168	42680	3.878	ng/ul	96
55) 2,4-Dinitrotoluene	15.33	165	10610	3.747	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.59	232	8616	2.907	ng/ul#	90
57) Diethylphthalate	15.76	149	35228	3.553	ng/ul	99
59) Fluorene	16.02	166	35297	3.697	ng/ul#	93
60) 4-Chlorophenyl-phenylether	16.00	204	21942	3.847	ng/ul	97
61) 4-Nitroaniline	16.04	138	6696m	3.578	ng/ul	
64) 4,6-Dinitro-2-methylphenol	16.09	198	8050	3.588	ng/ul#	89
65) N-Nitrosodiphenylamine	16.21	169	30898	3.722	ng/ul	95
66) 4-Bromophenyl-phenylether	16.90	248	16362	3.870	ng/ul	95
67) Hexachlorobenzene	17.03	284	18748	3.899	ng/ul	96
68) Atrazine	17.16	200	13613	3.438	ng/ul	96
69) Pentachlorophenol	17.37	266	5474	2.181	ng/ul	97
70) Phenanthrene	17.77	178	65053	3.979	ng/ul	99
72) Anthracene	17.86	178	67013	3.937	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	17332	3.779	ng/uL#	92
74) Pentachlorobenzene	15.29	250	25806	3.786	ng/uL	94
75) Carbazole	18.13	167	52363	3.756	ng/ul	97
76) Di-n-butylphthalate	18.65	149	55900	3.612	ng/ul	98
77) Fluoranthene	19.76	202	82822	3.964	ng/ul#	94
80) Pyrene	20.12	202	93111	4.127	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	21990	3.280	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.94	252	25205	3.170	ng/ul#	98
83) Benzo(a)anthracene	22.04	228	90774	3.932	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	32676	3.332	ng/ul#	93
85) Chrysene	22.11	228	83329	3.946	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	54045	3.194	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	88475	3.702	ng/ul#	98
89) Benzo(k)fluoranthene	24.52	252	86757	3.723	ng/ul#	95
91) Benzo(a)pyrene	25.40	252	86412	3.758	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.61	276	100424m	3.598	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	89169	3.725	ng/ul#	95
94) Benzo(g,h,i)perylene	30.87	276	83441m	3.606	ng/ul	

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

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