Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072817\
Data File : BG028050.D
Acq On : 28 Jul 2017 10:49
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-W-02

Quant Time: Jul 28 13:45:15 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	30963	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	141600	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	114825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	336517	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	441194	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3324	6.96	ng/uL	0.00
5) Phenol-d5	7.51	99	62138	26.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	33978	29.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	57334	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	59805	28.65	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29012	29.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	36778	29.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68545	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	85156	34.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	316547	30.46	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	326688	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	39976	25.61	ng/ul	0.00
58) Fluorene-d10	15.96	176	282876	29.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	61261	25.56	ng/ul	0.00
71) Anthracene-d10	17.82	188	488969	30.34	ng/ul	0.00
79) Pyrene-d10	20.10	212	614560	31.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	611722	30.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	493	0.962	ng/uL#	67
4) Benzaldehyde	7.52	77	1347	1.164	ng/ul#	80
6) Phenol	7.54	94	7929	3.496	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.77	93	6047	3.766	ng/ul	92
10) 2-Chlorophenol	7.94	128	6719	3.699	ng/ul#	95
11) 2-Methylphenol	8.80	108	5598	3.165	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7603	3.607	ng/ul#	94
14) Acetophenone	9.19	105	11318	3.731	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.16	70	5610	3.940	ng/ul#	87
16) 4-Methylphenol	9.12	108	6836	3.484	ng/ul#	76
17) Hexachloroethane	9.46	117	2694	3.708	ng/ul#	62
20) Nitrobenzene	9.58	77	8382	3.944	ng/ul#	89
21) Isophorone	10.09	82	15762	3.881	ng/ul#	86
23) 2-Nitrophenol	10.29	139	4471	3.681	ng/ul	89
24) 2,4-Dimethylphenol	10.34	107	8060	3.318	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.57	93	8376	3.550	ng/ul#	89
27) 2,4-Dichlorophenol	10.83	162	8940	3.782	ng/ul#	90
28) Naphthalene	11.24	128	24403	3.818	ng/ul	99
30) 4-Chloroaniline	11.34	127	6877	2.888	ng/ul	99
31) Hexachlorobutadiene	11.51	225	7800	3.814	ng/ul	94
32) Caprolactam	12.13	113	1438	1.895	ng/ul	96
33) 4-Chloro-3-methylphenol	12.44	107	8209	3.564	ng/ul#	92
34) 2-Methylnaphthalene	12.82	142	20364	3.692	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	21252	3.974 ng/ul	89
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16270	3.678 ng/ul#	93
38) Hexachlorocyclopentadiene	13.15	237	6276	2.420 ng/ul#	84
39) 2,4,6-Trichlorophenol	13.41	196	8172	3.095 ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	9233	3.292 ng/ul	91
41) 1,1'-Biphenyl	13.81	154	30195	3.618 ng/ul#	94
42) 2-Chloronaphthalene	13.86	162	24405	3.626 ng/ul	93
43) 2-Nitroaniline	14.06	65	5075	3.199 ng/ul#	93
45) Dimethylphthalate	14.41	163	37045	3.891 ng/ul#	97
46) 2,6-Dinitrotoluene	14.53	165	6522	3.413 ng/ul	89
48) Acenaphthylene	14.70	152	40340	3.786 ng/ul	97
49) 3-Nitroaniline	14.88	138	5368	3.380 ng/ul#	80
50) Acenaphthene	15.03	153	26995	3.700 ng/ul	94
51) 2,4-Dinitrophenol	15.09	184	1919	1.573 ng/ul#	81
53) 4-Nitrophenol	15.17	109	4168	3.283 ng/ul	86
54) Dibenzofuran	15.37	168	42171	3.802 ng/ul	96
55) 2,4-Dinitrotoluene	15.33	165	10393	3.641 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.60	232	8961	3.000 ng/ul#	91
57) Diethylphthalate	15.76	149	35045	3.506 ng/ul	92
59) Fluorene	16.02	166	36046	3.745 ng/ul	96
60) 4-Chlorophenyl-phenylether	16.00	204	21830	3.797 ng/ul	90
61) 4-Nitroaniline	16.04	138	5941	3.149 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.09	198	8268	3.601 ng/ul#	92
65) N-Nitrosodiphenylamine	16.21	169	30307	3.568 ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	15443	3.569 ng/ul	97
67) Hexachlorobenzene	17.03	284	18105	3.679 ng/ul#	90
68) Atrazine	17.15	200	13104	3.233 ng/ul	92
69) Pentachlorophenol	17.37	266	5419	2.109 ng/ul	92
70) Phenanthrene	17.77	178	63680	3.806 ng/ul	98
72) Anthracene	17.86	178	66819	3.836 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	16880	3.596 ng/uL	96
74) Pentachlorobenzene	15.29	250	25853	3.706 ng/uL	96
75) Carbazole	18.12	167	50979	3.574 ng/ul	97
76) Di-n-butylphthalate	18.65	149	54811	3.460 ng/ul	98
77) Fluoranthene	19.76	202	83390	3.900 ng/ul#	93
80) Pyrene	20.13	202	91661	4.003 ng/ul#	92
81) Butylbenzylphthalate	20.99	149	21507	3.160 ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.94	252	25012	3.099 ng/ul#	91
83) Benzo(a)anthracene	22.04	228	89176	3.805 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	32477	3.262 ng/ul#	95
85) Chrysene	22.11	228	81264	3.791 ng/ul	98
87) Di-n-octyl phthalate	23.21	149	53138	3.048 ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	85981	3.492 ng/ul#	98
89) Benzo(k)fluoranthene	24.52	252	88246	3.677 ng/ul#	98
91) Benzo(a)pyrene	25.40	252	86790	3.664 ng/ul	94
92) Indeno(1,2,3-cd)pyrene	29.60	276	49684	1.728 ng/ul#	93
93) Dibenzo(a,h)anthracene	29.66	278	85118	3.452 ng/ul#	92
94) Benzo(g,h,i)perylene	30.86	276	53041	2.225 ng/ul	94

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

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