Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023198.D
Acq On : 20 Jul 2016 21:53
Operator : UM/SJ
Sample : MDL-06-W
Misc : MDL 4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-06-W

Manual Integrations APPROVED
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Quant Time: Jul 21 10:34:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	145601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	706122	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	530363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1297324m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1402630	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1385228	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7668m	2.38	ng/uL	0.00
5) Phenol-d5	7.29	99	366338	24.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	260207m	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	245873	24.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	293375	25.12	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	144846	25.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	164062	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	284779	22.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	415250	32.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1142325	25.91	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1272024	25.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	198937	25.57	ng/ul	0.00
57) Fluorene-d10	15.80	176	997605	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	217997m	24.42	ng/ul	0.00
70) Anthracene-d10	17.67	188	1570448	25.86	ng/ul	0.00
76) Pyrene-d10	19.96	212	1822929	25.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1644872	25.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2337m	0.68	ng/uL	
4) Benzaldehyde	7.27	77	28778	3.09	ng/ul#	76
6) Phenol	7.32	94	35370	2.26	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.55	93	31314	2.67	ng/ul	92
10) 2-Chlorophenol	7.70	128	23435	2.26	ng/ul#	84
11) 2-Methylphenol	8.58	108	23897	2.07	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.67	45	38224	2.41	ng/ul	96
14) Acetophenone	8.97	105	50014	2.46	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.94	70	31542	2.35	ng/ul#	77
16) 4-Methylphenol	8.91	108	28406	2.21	ng/ul	81
17) Hexachloroethane	9.24	117	11887	2.42	ng/ul	87
20) Nitrobenzene	9.36	77	40194	2.20	ng/ul#	88
21) Isophorone	9.88	82	81307	2.34	ng/ul#	87
23) 2-Nitrophenol	10.07	139	16398m	2.33	ng/ul	
24) 2,4-Dimethylphenol	10.13	107	33548	2.08	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.37	93	43498	2.26	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	24597	2.00	ng/ul#	74
28) Naphthalene	11.03	128	80882	2.28	ng/ul#	94
30) 4-Chloroaniline	11.13	127	32229	2.43	ng/ul	99
31) Hexachlorobutadiene	11.31	225	20610	2.09	ng/ul	95
32) Caprolactam	11.92	113	12390m	2.43	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	33374	2.07	ng/ul#	74
34) 2-Methylnaphthalene	12.63	142	67405	2.29	ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	39711	2.24 ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	20585	1.79 ng/ul#	90
38) 2,4,6-Trichlorophenol	13.24	196	23991	1.96 ng/ul	91
39) 2,4,5-Trichlorophenol	13.31	196	25793	2.06 ng/ul	87
40) 1,1'-Biphenyl	13.64	154	92760	2.33 ng/ul	94
41) 2-Chloronaphthalene	13.68	162	73819	2.30 ng/ul	98
42) 2-Nitroaniline	13.89	65	29053	2.04 ng/ul#	65
44) Dimethylphthalate	14.25	163	103627	2.32 ng/ul#	98
45) 2,6-Dinitrotoluene	14.38	165	20813	2.15 ng/ul#	79
47) Acenaphthylene	14.54	152	118799	2.34 ng/ul	97
48) 3-Nitroaniline	14.71	138	20148	2.43 ng/ul#	34
49) Acenaphthene	14.88	153	77603	2.26 ng/ul	91
50) 2,4-Dinitrophenol	14.92	184	8230	1.35 ng/ul#	84
52) 4-Nitrophenol	15.02	109	22217	2.40 ng/ul#	56
53) Dibenzofuran	15.21	168	120954	2.39 ng/ul#	87
54) 2,4-Dinitrotoluene	15.16	165	32101	2.17 ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.43	232	26239	2.08 ng/ul#	91
56) Diethylphthalate	15.62	149	109800	2.31 ng/ul	99
58) Fluorene	15.86	166	100143	2.40 ng/ul	92
59) 4-Chlorophenyl-phenylether	15.85	204	53755	2.35 ng/ul	99
60) 4-Nitroaniline	15.88	138	22834	2.24 ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.93	198	21891m	2.32 ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	86338	2.30 ng/ul	96
65) 4-Bromophenyl-phenylether	16.75	248	34681	2.32 ng/ul	97
66) Hexachlorobenzene	16.87	284	36731m	2.40 ng/ul	
67) Atrazine	17.01	200	38311m	2.40 ng/ul	
68) Pentachlorophenol	17.22	266	17761m	1.87 ng/ul	
69) Phenanthrene	17.61	178	171307m	2.56 ng/ul	
71) Anthracene	17.70	178	179874	2.57 ng/ul	98
72) Carbazole	17.98	167	148279m	2.69 ng/ul	
73) Di-n-butylphthalate	18.52	149	187196m	2.45 ng/ul	
74) Fluoranthene	19.62	202	211701m	3.02 ng/ul	
77) Pyrene	19.99	202	222241	2.61 ng/ul#	87
78) Butylbenzylphthalate	20.86	149	87614	2.37 ng/ul#	79
79) 3,3'-Dichlorobenzidine	21.78	252	68660	2.45 ng/ul#	93
80) Benzo(a)anthracene	21.87	228	212269	2.55 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	127699	2.52 ng/ul#	97
82) Chrysene	21.94	228	193333	2.56 ng/ul	95
84) Di-n-octyl phthalate	23.03	149	241936	3.15 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	202756	2.41 ng/ul#	90
86) Benzo(k)fluoranthene	24.28	252	199389	2.50 ng/ul#	91
88) Benzo(a)pyrene	25.14	252	191900	2.39 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.18	276	229408m	2.54 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	187449m	2.52 ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	187508m	2.51 ng/ul	

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

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