Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023199.D
Acq On : 20 Jul 2016 22:34
Operator : UM/SJ
Sample : MDL-07-W
Misc : MDL 4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-W

Manual Integrations APPROVED
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7/21/2016 1:51:00 PM

Quant Time: Jul 21 10:35:43 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	8.13	152	150481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	704937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	527277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1312962m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1390149	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1379453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7969	2.39	ng/uL	0.00
5) Phenol-d5	7.29	99	369140	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	268047	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	252484	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	291781	24.17	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	145911	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	165797	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	285660	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	422967	33.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1210073	27.60	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1313175	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	214491	27.73	ng/ul	0.00
57) Fluorene-d10	15.80	176	1053239	26.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	233117m	25.80	ng/ul	0.00
70) Anthracene-d10	17.67	188	1669429	27.16	ng/ul	0.00
76) Pyrene-d10	19.96	212	1962068	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1813255	28.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	2417m	0.68	ng/uL	
4) Benzaldehyde	7.27	77	25566	2.65	ng/ul#	74
6) Phenol	7.32	94	30907	1.91	ng/ul#	59
8) Bis(2-Chloroethyl)ether	7.55	93	28288	2.33	ng/ul#	89
10) 2-Chlorophenol	7.70	128	20545	1.92	ng/ul#	67
11) 2-Methylphenol	8.59	108	22136m	1.86	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.68	45	34292	2.09	ng/ul#	93
14) Acetophenone	8.97	105	45692	2.18	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.94	70	28550	2.06	ng/ul#	80
16) 4-Methylphenol	8.92	108	26137	1.97	ng/ul	93
17) Hexachloroethane	9.23	117	10423	2.06	ng/ul	96
20) Nitrobenzene	9.36	77	39529	2.17	ng/ul#	85
21) Isophorone	9.88	82	76346	2.20	ng/ul#	97
23) 2-Nitrophenol	10.08	139	14811	2.11	ng/ul#	62
24) 2,4-Dimethylphenol	10.13	107	31195	1.93	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.37	93	40963	2.13	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	24354	1.99	ng/ul	95
28) Naphthalene	11.03	128	77712	2.19	ng/ul	96
30) 4-Chloroaniline	11.14	127	32004	2.42	ng/ul	97
31) Hexachlorobutadiene	11.31	225	18040	1.83	ng/ul#	86
32) Caprolactam	11.92	113	10134m	1.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	34261	2.13	ng/ul#	72
34) 2-Methylnaphthalene	12.63	142	63056	2.15	ng/ul	89

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	37219	2.12 ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	19554	1.71 ng/ul#	77
38) 2,4,6-Trichlorophenol	13.24	196	24099	1.98 ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	24958	2.01 ng/ul	97
40) 1,1'-Biphenyl	13.63	154	86596	2.19 ng/ul	95
41) 2-Chloronaphthalene	13.68	162	70809	2.22 ng/ul#	92
42) 2-Nitroaniline	13.89	65	26531	1.87 ng/ul#	60
44) Dimethylphthalate	14.25	163	103169	2.32 ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	19998	2.08 ng/ul#	66
47) Acenaphthylene	14.53	152	117024	2.32 ng/ul	98
48) 3-Nitroaniline	14.72	138	20688	2.51 ng/ul#	71
49) Acenaphthene	14.87	153	75089	2.20 ng/ul	99
50) 2,4-Dinitrophenol	14.93	184	6575	1.09 ng/ul#	42
52) 4-Nitrophenol	15.02	109	22626	2.46 ng/ul#	57
53) Dibenzofuran	15.21	168	115650	2.30 ng/ul	96
54) 2,4-Dinitrotoluene	15.17	165	30735	2.09 ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	15.43	232	25411	2.02 ng/ul#	89
56) Diethylphthalate	15.61	149	113684	2.41 ng/ul	98
58) Fluorene	15.86	166	95719	2.31 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	47602	2.09 ng/ul	95
60) 4-Nitroaniline	15.88	138	23892	2.36 ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.94	198	24081m	2.52 ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	86093	2.27 ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	33016	2.19 ng/ul	92
66) Hexachlorobenzene	16.87	284	35970	2.32 ng/ul	96
67) Atrazine	17.01	200	37923m	2.34 ng/ul	
68) Pentachlorophenol	17.22	266	16011m	1.67 ng/ul	
69) Phenanthrene	17.61	178	171624m	2.54 ng/ul	
71) Anthracene	17.71	178	178254	2.52 ng/ul	97
72) Carbazole	17.98	167	150653	2.70 ng/ul	99
73) Di-n-butylphthalate	18.52	149	196256m	2.54 ng/ul	
74) Fluoranthene	19.63	202	208889m	2.94 ng/ul	
77) Pyrene	19.99	202	221697	2.62 ng/ul#	89
78) Butylbenzylphthalate	20.87	149	83650	2.28 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.78	252	69384	2.50 ng/ul#	95
80) Benzo(a)anthracene	21.87	228	208540	2.53 ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	123848	2.47 ng/ul	98
82) Chrysene	21.94	228	190127	2.54 ng/ul	96
84) Di-n-octyl phthalate	23.03	149	203504	2.66 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	200585	2.39 ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	190941	2.40 ng/ul#	93
88) Benzo(a)pyrene	25.13	252	203060	2.54 ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.18	276	198686	2.21 ng/ul#	84
90) Dibenzo(a,h)anthracene	29.25	278	169496	2.29 ng/ul#	87
91) Benzo(g,h,i)perylene	30.40	276	172800m	2.32 ng/ul	

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

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