Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023262.D
Acq On : 25 Jul 2016 22:00
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc : MDL 4PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations
APPROVED
SOHIL
7/26/2016 11:41:12 AM

Quant Time: Jul 26 10:38:48 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	167797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	808166	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	549522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1272223m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1312570m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1488904	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10048	2.71	ng/uL	0.00
5) Phenol-d5	7.29	99	490924	28.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	365628	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	339749	29.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	382585	28.42	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	196626	30.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	217590	28.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	376508	26.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	537909	36.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1437677	31.47	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1648195	31.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	225047	27.91	ng/ul	0.00
57) Fluorene-d10	15.81	176	1297254	31.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	257498m	29.42	ng/ul	0.00
70) Anthracene-d10	17.67	188	1926831	32.35	ng/ul	0.00
76) Pyrene-d10	19.96	212	2134322	31.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	2226759	31.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3242m	0.82	ng/uL	
4) Benzaldehyde	7.27	77	35496m	3.30	ng/ul	
6) Phenol	7.31	94	44503	2.47	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.54	93	34191	2.53	ng/ul	91
10) 2-Chlorophenol	7.70	128	29142	2.44	ng/ul	91
11) 2-Methylphenol	8.58	108	29451	2.21	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.67	45	50112	2.74	ng/ul	97
14) Acetophenone	8.97	105	58215	2.49	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.95	70	36642	2.37	ng/ul#	88
16) 4-Methylphenol	8.91	108	34092	2.30	ng/ul	98
17) Hexachloroethane	9.23	117	13288	2.35	ng/ul#	63
20) Nitrobenzene	9.36	77	52558	2.52	ng/ul#	80
21) Isophorone	9.88	82	96445	2.42	ng/ul	95
23) 2-Nitrophenol	10.08	139	19226	2.39	ng/ul#	85
24) 2,4-Dimethylphenol	10.14	107	41756	2.26	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.37	93	52501	2.39	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	32291	2.30	ng/ul#	86
28) Naphthalene	11.03	128	102914	2.53	ng/ul#	94
30) 4-Chloroaniline	11.13	127	43425	2.86	ng/ul	97
31) Hexachlorobutadiene	11.30	225	25988	2.30	ng/ul	94
32) Caprolactam	11.92	113	10900m	1.87	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	39549	2.14	ng/ul	85
34) 2-Methylnaphthalene	12.63	142	78103	2.32	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	45204	2.47 ng/ul#	96
37) Hexachlorocyclopentadiene	12.97	237	20104	1.69 ng/ul	87
38) 2,4,6-Trichlorophenol	13.24	196	27225	2.14 ng/ul	87
39) 2,4,5-Trichlorophenol	13.32	196	27209	2.10 ng/ul	93
40) 1,1'-Biphenyl	13.64	154	119436	2.90 ng/ul	97
41) 2-Chloronaphthalene	13.68	162	88515	2.66 ng/ul	94
42) 2-Nitroaniline	13.89	65	33927	2.30 ng/ul#	56
44) Dimethylphthalate	14.25	163	125066	2.70 ng/ul	97
45) 2,6-Dinitrotoluene	14.38	165	23366	2.33 ng/ul#	66
47) Acenaphthylene	14.53	152	153306	2.92 ng/ul	98
48) 3-Nitroaniline	14.71	138	22201	2.59 ng/ul#	49
49) Acenaphthene	14.87	153	98659	2.78 ng/ul	91
50) 2,4-Dinitrophenol	14.92	184	7977	1.27 ng/ul	92
52) 4-Nitrophenol	15.03	109	17719	1.85 ng/ul#	70
53) Dibenzofuran	15.21	168	150287	2.87 ng/ul#	86
54) 2,4-Dinitrotoluene	15.17	165	36847	2.41 ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.43	232	26378	2.02 ng/ul	92
56) Diethylphthalate	15.61	149	127827	2.60 ng/ul	97
58) Fluorene	15.86	166	123597	2.86 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.85	204	62447	2.64 ng/ul#	82
60) 4-Nitroaniline	15.88	138	26545	2.52 ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	15.93	198	23613m	2.55 ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	105034	2.86 ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	37695	2.58 ng/ul	94
66) Hexachlorobenzene	16.87	284	39837	2.66 ng/ul#	87
67) Atrazine	17.01	200	38646	2.47 ng/ul	96
68) Pentachlorophenol	17.22	266	12690	1.36 ng/ul	89
69) Phenanthrene	17.61	178	202165m	3.08 ng/ul	
71) Anthracene	17.70	178	214126	3.12 ng/ul	95
72) Carbazole	17.98	167	170345m	3.15 ng/ul	
73) Di-n-butylphthalate	18.52	149	204947m	2.74 ng/ul	
74) Fluoranthene	19.62	202	228448m	3.32 ng/ul	
77) Pyrene	19.99	202	256472m	3.21 ng/ul	
78) Butylbenzylphthalate	20.87	149	90679m	2.62 ng/ul	
79) 3,3'-Dichlorobenzidine	21.79	252	62283m	2.38 ng/ul	
80) Benzo(a)anthracene	21.87	228	228500m	2.93 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.76	149	124693	2.63 ng/ul	99
82) Chrysene	21.94	228	214131	3.03 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	209900	2.54 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	216945	2.40 ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	218690	2.55 ng/ul#	92
88) Benzo(a)pyrene	25.14	252	239169	2.77 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.20	276	216271m	2.22 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	181708m	2.27 ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	178867m	2.23 ng/ul	

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

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