Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023249.D
Acq On : 25 Jul 2016 12:21
Operator : UM/SJ
Sample : MDL-01-S
Misc : MDL 4PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S

Manual Integrations APPROVED
SOHIL
7/26/2016 11:40:25 AM

Quant Time: Jul 25 14:19:06 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	8.16	152	119224	20.00	ng/ul	0.02
18) Naphthalene-d8	11.00	136	582558	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.82	164	423543	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.58	188	1009679m	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	1022747m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1019695	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	9872	3.74	ng/uL	0.00
5) Phenol-d5	7.31	99	430152	35.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.47	67	309678	38.01	ng/ul	0.02
9) 2-Chlorophenol-d4	7.68	132	294210	35.63	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	328926	34.39	ng/ul	0.02
19) Nitrobenzene-d5	9.33	128	173052m	37.14	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	191131	35.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	329094	32.17	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	435128	41.08	ng/ul	0.02
43) Dimethylphthalate-d6	14.22	166	1281924	36.41	ng/ul	0.01
46) Acenaphthylene-d8	14.52	160	1481153	37.01	ng/ul	0.01
51) 4-Nitrophenol-d4	15.03	143	200010m	32.19	ng/ul	0.01
57) Fluorene-d10	15.82	176	1162384	36.50	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.93	200	223390m	32.16	ng/ul	0.01
70) Anthracene-d10	17.68	188	1758349	37.20	ng/ul	0.01
76) Pyrene-d10	19.97	212	1956237	37.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1766755	36.91	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	2951m	1.05	ng/uL	
4) Benzaldehyde	7.29	77	31675	4.15	ng/ul#	69
6) Phenol	7.34	94	40049	3.13	ng/ul#	48
8) Bis(2-Chloroethyl)ether	7.57	93	34318	3.57	ng/ul#	82
10) 2-Chlorophenol	7.72	128	27469	3.24	ng/ul#	80
11) 2-Methylphenol	8.60	108	29792m	3.15	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.69	45	42464	3.26	ng/ul	97
14) Acetophenone	8.99	105	56152	3.37	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.96	70	35496	3.23	ng/ul#	85
16) 4-Methylphenol	8.94	108	32073	3.05	ng/ul	86
17) Hexachloroethane	9.25	117	13541	3.37	ng/ul#	94
20) Nitrobenzene	9.37	77	46826	3.11	ng/ul#	84
21) Isophorone	9.90	82	90387	3.15	ng/ul#	89
23) 2-Nitrophenol	10.10	139	18376	3.17	ng/ul#	59
24) 2,4-Dimethylphenol	10.15	107	39872	2.99	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.39	93	49186	3.10	ng/ul	93
27) 2,4-Dichlorophenol	10.64	162	30851m	3.05	ng/ul	
28) Naphthalene	11.04	128	99374	3.39	ng/ul	96
30) 4-Chloroaniline	11.15	127	54663	4.99	ng/ul	92
31) Hexachlorobutadiene	11.33	225	26829	3.30	ng/ul	96
32) Caprolactam	11.94	113	10826m	2.58	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	37523	2.82	ng/ul#	78
34) 2-Methylnaphthalene	12.65	142	79079	3.26	ng/ul	89

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36) 1,2,4,5-Tetrachlorobenzene	13.02	216	46267	3.27 ng/ul#	93
37) Hexachlorocyclopentadiene	12.98	237	23020	2.50 ng/ul	86
38) 2,4,6-Trichlorophenol	13.26	196	27614	2.82 ng/ul	98
39) 2,4,5-Trichlorophenol	13.33	196	30034m	3.01 ng/ul	
40) 1,1'-Biphenyl	13.65	154	111653	3.51 ng/ul	99
41) 2-Chloronaphthalene	13.70	162	90069	3.52 ng/ul	97
42) 2-Nitroaniline	13.90	65	33406m	2.93 ng/ul	
44) Dimethylphthalate	14.26	163	117277	3.29 ng/ul	99
45) 2,6-Dinitrotoluene	14.39	165	23988	3.10 ng/ul#	85
47) Acenaphthylene	14.55	152	145186	3.58 ng/ul	100
48) 3-Nitroaniline	14.73	138	22275	3.37 ng/ul#	48
49) Acenaphthene	14.89	153	90783	3.31 ng/ul	94
50) 2,4-Dinitrophenol	14.93	184	9152	1.89 ng/ul#	84
52) 4-Nitrophenol	15.04	109	18121m	2.45 ng/ul	
53) Dibenzofuran	15.21	168	141523	3.50 ng/ul	96
54) 2,4-Dinitrotoluene	15.18	165	35234	2.99 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.45	232	26752	2.65 ng/ul	95
56) Diethylphthalate	15.63	149	126710	3.34 ng/ul	96
58) Fluorene	15.87	166	119784	3.59 ng/ul	89
59) 4-Chlorophenyl-phenylether	15.86	204	58812	3.22 ng/ul#	82
60) 4-Nitroaniline	15.89	138	28184m	3.47 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.95	198	22690m	3.09 ng/ul	
64) N-Nitrosodiphenylamine	16.07	169	101762m	3.49 ng/ul	
65) 4-Bromophenyl-phenylether	16.76	248	38519	3.32 ng/ul	89
66) Hexachlorobenzene	16.88	284	38261	3.22 ng/ul#	85
67) Atrazine	17.03	200	35225	2.83 ng/ul	98
68) Pentachlorophenol	17.23	266	17035m	2.31 ng/ul	
69) Phenanthrene	17.62	178	198145m	3.81 ng/ul	
71) Anthracene	17.72	178	206601	3.79 ng/ul	97
72) Carbazole	17.99	167	159165m	3.71 ng/ul	
73) Di-n-butylphthalate	18.53	149	201174m	3.38 ng/ul	
74) Fluoranthene	19.63	202	223727m	4.10 ng/ul	
77) Pyrene	20.00	202	243766	3.92 ng/ul#	90
78) Butylbenzylphthalate	20.87	149	83754	3.10 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.80	252	57478m	2.82 ng/ul	
80) Benzo(a)anthracene	21.88	228	229613m	3.78 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.76	149	116382	3.15 ng/ul	97
82) Chrysene	21.95	228	208859	3.79 ng/ul	97
84) Di-n-octyl phthalate	23.05	149	195778	3.46 ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	198020	3.19 ng/ul#	94
86) Benzo(k)fluoranthene	24.29	252	217973	3.71 ng/ul#	91
88) Benzo(a)pyrene	25.15	252	207143	3.50 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.22	276	210008m	3.15 ng/ul	
90) Dibenzo(a,h)anthracene	29.27	278	174247m	3.18 ng/ul	
91) Benzo(g,h,i)perylene	30.44	276	178798m	3.25 ng/ul	

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

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