Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023258.D
Acq On : 25 Jul 2016 19:19
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc : MDL 4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

Manual Integrations APPROVED
SOHIL
7/26/2016 11:40:58 AM

Quant Time: Jul 26 10:49:52 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	139181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	668199	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	491439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1148870	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1173158	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1150595	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	10450m	3.40	ng/uL	0.00
5) Phenol-d5	7.29	99	446018	31.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	330367	34.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	309355	32.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	402689	36.07	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	220744	41.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	256986	41.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	348896	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	484321m	39.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1330066	32.55	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1551003	33.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	212770	29.51	ng/ul	0.00
57) Fluorene-d10	15.80	176	1203337	32.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	237005	29.98	ng/ul	0.00
70) Anthracene-d10	17.67	188	1802932	33.52	ng/ul	0.00
76) Pyrene-d10	19.96	212	2013306	33.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1869786	34.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	4023m	1.22	ng/uL	
4) Benzaldehyde	7.27	77	34420	3.86	ng/ul#	74
6) Phenol	7.31	94	41784m	2.80	ng/ul	
8) Bis(2-Chloroethyl)ether	7.55	93	35149	3.13	ng/ul	89
10) 2-Chlorophenol	7.70	128	25724	2.60	ng/ul#	61
11) 2-Methylphenol	8.58	108	36086	3.27	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.67	45	61728	4.06	ng/ul#	83
14) Acetophenone	8.97	105	70935	3.65	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.94	70	44968	3.51	ng/ul#	89
16) 4-Methylphenol	8.91	108	43530	3.54	ng/ul	92
17) Hexachloroethane	9.23	117	16263	3.47	ng/ul	96
20) Nitrobenzene	9.36	77	61605	3.57	ng/ul#	80
21) Isophorone	9.88	82	108034	3.28	ng/ul#	87
23) 2-Nitrophenol	10.08	139	22466	3.37	ng/ul#	28
24) 2,4-Dimethylphenol	10.13	107	45973	3.01	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.36	93	52396	2.88	ng/ul#	97
27) 2,4-Dichlorophenol	10.62	162	31502	2.71	ng/ul#	76
28) Naphthalene	11.03	128	103414	3.08	ng/ul	99
30) 4-Chloroaniline	11.13	127	44704	3.56	ng/ul	94
31) Hexachlorobutadiene	11.31	225	26577	2.85	ng/ul	90
32) Caprolactam	11.91	113	12215m	2.54	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	37074	2.43	ng/ul#	74
34) 2-Methylnaphthalene	12.63	142	79677	2.87	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	48007	2.93	ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	21381	2.00	ng/ul	88
38) 2,4,6-Trichlorophenol	13.24	196	26180	2.31	ng/ul#	81
39) 2,4,5-Trichlorophenol	13.32	196	28893	2.49	ng/ul#	79
40) 1,1'-Biphenyl	13.64	154	115318	3.13	ng/ul	99
41) 2-Chloronaphthalene	13.68	162	88674	2.98	ng/ul	97
42) 2-Nitroaniline	13.89	65	33007	2.50	ng/ul#	61
44) Dimethylphthalate	14.25	163	122118	2.95	ng/ul#	94
45) 2,6-Dinitrotoluene	14.38	165	23365	2.60	ng/ul#	70
47) Acenaphthylene	14.53	152	150659	3.20	ng/ul#	91
48) 3-Nitroaniline	14.72	138	22058	2.88	ng/ul#	54
49) Acenaphthene	14.88	153	98007	3.08	ng/ul	98
50) 2,4-Dinitrophenol	14.92	184	8240m	1.46	ng/ul	
52) 4-Nitrophenol	15.02	109	18123	2.11	ng/ul#	53
53) Dibenzofuran	15.21	168	144518	3.08	ng/ul	95
54) 2,4-Dinitrotoluene	15.17	165	33810	2.47	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.44	232	27268	2.33	ng/ul#	97
56) Diethylphthalate	15.62	149	126169	2.87	ng/ul	96
58) Fluorene	15.86	166	124146	3.21	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.85	204	62706	2.96	ng/ul	98
60) 4-Nitroaniline	15.88	138	25606	2.72	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.93	198	22244	2.66	ng/ul#	25
64) N-Nitrosodiphenylamine	16.06	169	105808	3.19	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	39398	2.98	ng/ul	96
66) Hexachlorobenzene	16.87	284	38490	2.84	ng/ul#	86
67) Atrazine	17.01	200	36425	2.57	ng/ul	91
68) Pentachlorophenol	17.22	266	16158	1.92	ng/ul#	57
69) Phenanthrene	17.61	178	200280	3.38	ng/ul	99
71) Anthracene	17.71	178	202357	3.26	ng/ul	99
72) Carbazole	17.98	167	171007	3.50	ng/ul	95
73) Di-n-butylphthalate	18.52	149	201710	2.98	ng/ul#	97
74) Fluoranthene	19.62	202	232871	3.75	ng/ul#	91
77) Pyrene	19.99	202	252458	3.54	ng/ul#	90
78) Butylbenzylphthalate	20.86	149	85128	2.75	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.79	252	57811	2.47	ng/ul	96
80) Benzo(a)anthracene	21.87	228	219077	3.15	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	119839	2.83	ng/ul#	99
82) Chrysene	21.94	228	206951	3.27	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	203274	3.19	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	213948	3.06	ng/ul#	95
86) Benzo(k)fluoranthene	24.28	252	215380	3.25	ng/ul#	94
88) Benzo(a)pyrene	25.14	252	216053	3.24	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.18	276	218272m	2.91	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	179507m	2.90	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	186107m	3.00	ng/ul	

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

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