Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023259.D
Acq On : 25 Jul 2016 19:59
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc : MDL 4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-S-ML

Manual Integrations APPROVED
SOHIL
7/26/2016 11:41:01 AM

Quant Time: Jul 26 10:26:04 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	147287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	719286	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	508987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1177502	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1190492	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1166463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9573	2.94	ng/uL	0.00
5) Phenol-d5	7.29	99	437616	28.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	328824	32.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	304842	29.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	346300	29.31	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	177430	30.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	199512	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	345612	27.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	469363	35.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1294473	30.59	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1473595	30.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	193407	25.90	ng/ul	0.00
57) Fluorene-d10	15.81	176	1166547	30.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	228952	28.26	ng/ul	0.00
70) Anthracene-d10	17.67	188	1740339	31.57	ng/ul	0.00
76) Pyrene-d10	19.96	212	1944036	31.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1781443	32.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	3934m	1.13	ng/uL	
4) Benzaldehyde	7.27	77	35606	3.78	ng/ul#	85
6) Phenol	7.31	94	41271	2.61	ng/ul#	57
8) Bis(2-Chloroethyl)ether	7.55	93	36959	3.11	ng/ul	92
10) 2-Chlorophenol	7.70	128	31092	2.97	ng/ul#	82
11) 2-Methylphenol	8.58	108	30280	2.59	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.67	45	53026	3.30	ng/ul#	92
14) Acetophenone	8.97	105	60769	2.96	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.95	70	36123	2.66	ng/ul#	82
16) 4-Methylphenol	8.92	108	34438	2.65	ng/ul	89
17) Hexachloroethane	9.23	117	13277	2.68	ng/ul#	72
20) Nitrobenzene	9.36	77	50789	2.73	ng/ul#	83
21) Isophorone	9.88	82	97963	2.77	ng/ul#	92
23) 2-Nitrophenol	10.07	139	19734	2.75	ng/ul#	61
24) 2,4-Dimethylphenol	10.13	107	42564	2.58	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.37	93	53809	2.75	ng/ul#	95
27) 2,4-Dichlorophenol	10.61	162	32376	2.59	ng/ul#	75
28) Naphthalene	11.03	128	109779	3.04	ng/ul#	94
30) 4-Chloroaniline	11.14	127	47561	3.52	ng/ul	93
31) Hexachlorobutadiene	11.30	225	28109	2.80	ng/ul#	83
32) Caprolactam	11.93	113	11956m	2.31	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	36694	2.23	ng/ul#	83
34) 2-Methylnaphthalene	12.63	142	91119	3.05	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	50859	3.00	ng/ul	94
37) Hexachlorocyclopentadiene	12.98	237	23666	2.14	ng/ul#	84
38) 2,4,6-Trichlorophenol	13.24	196	30997	2.64	ng/ul	92
39) 2,4,5-Trichlorophenol	13.32	196	30065	2.51	ng/ul	87
40) 1,1'-Biphenyl	13.63	154	119052	3.12	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	90652	2.95	ng/ul#	88
42) 2-Nitroaniline	13.89	65	35445	2.59	ng/ul#	62
44) Dimethylphthalate	14.25	163	136686	3.19	ng/ul	96
45) 2,6-Dinitrotoluene	14.37	165	24371	2.62	ng/ul#	79
47) Acenaphthylene	14.53	152	158165	3.25	ng/ul	98
48) 3-Nitroaniline	14.72	138	25181	3.17	ng/ul#	59
49) Acenaphthene	14.87	153	104107	3.16	ng/ul	94
50) 2,4-Dinitrophenol	14.93	184	7915	1.36	ng/ul#	86
52) 4-Nitrophenol	15.03	109	19702	2.22	ng/ul#	59
53) Dibenzofuran	15.21	168	155253m	3.20	ng/ul	
54) 2,4-Dinitrotoluene	15.17	165	39985	2.82	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.44	232	27688	2.28	ng/ul#	91
56) Diethylphthalate	15.61	149	139746	3.06	ng/ul	94
58) Fluorene	15.86	166	126675	3.16	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.85	204	66045	3.01	ng/ul	97
60) 4-Nitroaniline	15.88	138	26888	2.75	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.94	198	23354	2.73	ng/ul#	66
64) N-Nitrosodiphenylamine	16.06	169	108420	3.19	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	42214	3.12	ng/ul	93
66) Hexachlorobenzene	16.87	284	42008	3.03	ng/ul#	90
67) Atrazine	17.01	200	39413	2.72	ng/ul#	88
68) Pentachlorophenol	17.22	266	15916	1.85	ng/ul#	83
69) Phenanthrene	17.61	178	208905	3.44	ng/ul	99
71) Anthracene	17.71	178	216187	3.40	ng/ul	98
72) Carbazole	17.98	167	175821	3.52	ng/ul	97
73) Di-n-butylphthalate	18.52	149	222506	3.21	ng/ul#	97
74) Fluoranthene	19.63	202	242310	3.80	ng/ul#	88
77) Pyrene	19.99	202	263165	3.64	ng/ul#	91
78) Butylbenzylphthalate	20.87	149	90301	2.87	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.79	252	64135	2.70	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	240766	3.41	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	131309	3.06	ng/ul	98
82) Chrysene	21.94	228	220771	3.44	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	212598	3.29	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	223676	3.15	ng/ul#	96
86) Benzo(k)fluoranthene	24.28	252	219744	3.27	ng/ul#	91
88) Benzo(a)pyrene	25.13	252	219540	3.25	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.19	276	222708m	2.92	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	188756m	3.01	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	194342m	3.09	ng/ul	

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

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