Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023203.D
Acq On : 21 Jul 2016 1:14
Operator : UM/SJ
Sample : MDL-04-W
Misc : MDL 8PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Manual Integrations
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7/21/2016 1:51:11 PM

Quant Time: Jul 21 10:39:59 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	135346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	646815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	480545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1210093m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1321533	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1295085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6982	2.33	ng/uL	0.00
5) Phenol-d5	7.29	99	369899	26.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	258771	27.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	249193	26.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	293250	27.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	139540	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	161978	26.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	285518	25.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	404680	34.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1137630	28.48	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1262000	27.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	206279	29.26	ng/ul	0.00
57) Fluorene-d10	15.81	176	1005885	27.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	226989m	27.26	ng/ul	0.00
70) Anthracene-d10	17.67	188	1595566	28.17	ng/ul	0.00
76) Pyrene-d10	19.96	212	1854434	27.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1732291	28.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	4503m	1.41	ng/uL	
4) Benzaldehyde	7.27	77	47816	5.52	ng/ul	85
6) Phenol	7.32	94	59124m	4.07	ng/ul	
8) Bis(2-Chloroethyl)ether	7.54	93	48806	4.47	ng/ul	94
10) 2-Chlorophenol	7.70	128	38285	3.98	ng/ul#	68
11) 2-Methylphenol	8.58	108	42681	3.98	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.67	45	66038	4.47	ng/ul#	94
14) Acetophenone	8.97	105	84236	4.46	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.95	70	51165	4.10	ng/ul#	83
16) 4-Methylphenol	8.92	108	49329	4.13	ng/ul#	77
17) Hexachloroethane	9.24	117	19038	4.18	ng/ul#	77
20) Nitrobenzene	9.36	77	70516	4.22	ng/ul#	77
21) Isophorone	9.88	82	135998	4.27	ng/ul#	87
23) 2-Nitrophenol	10.08	139	27162	4.21	ng/ul#	46
24) 2,4-Dimethylphenol	10.14	107	61308	4.14	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.36	93	75377	4.28	ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	44563	3.96	ng/ul	98
28) Naphthalene	11.03	128	137781	4.24	ng/ul	100
30) 4-Chloroaniline	11.14	127	60598	4.99	ng/ul	89
31) Hexachlorobutadiene	11.31	225	37196	4.12	ng/ul#	80
32) Caprolactam	11.92	113	21767m	4.67	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	56199	3.81	ng/ul#	79
34) 2-Methylnaphthalene	12.63	142	116426	4.33	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	66495	4.15	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	34877	3.34	ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	45395	4.09	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	46063	4.07	ng/ul	99
40) 1,1'-Biphenyl	13.64	154	160981	4.47	ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	124935	4.30	ng/ul	95
42) 2-Nitroaniline	13.88	65	55081	4.26	ng/ul#	58
44) Dimethylphthalate	14.25	163	185686	4.59	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	35353	4.03	ng/ul#	83
47) Acenaphthylene	14.53	152	206362	4.49	ng/ul	94
48) 3-Nitroaniline	14.72	138	36869	4.91	ng/ul#	71
49) Acenaphthene	14.87	153	135511	4.36	ng/ul	91
50) 2,4-Dinitrophenol	14.93	184	15340	2.78	ng/ul	89
52) 4-Nitrophenol	15.02	109	39030	4.65	ng/ul#	61
53) Dibenzofuran	15.21	168	211712m	4.62	ng/ul	
54) 2,4-Dinitrotoluene	15.17	165	55660	4.16	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.44	232	47117	4.12	ng/ul#	96
56) Diethylphthalate	15.62	149	196871	4.57	ng/ul	99
58) Fluorene	15.86	166	170590	4.51	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	91109	4.40	ng/ul	98
60) 4-Nitroaniline	15.88	138	41788	4.53	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.93	198	36917m	4.19	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	155312	4.44	ng/ul	98
65) 4-Bromophenyl-phenylether	16.75	248	58581	4.21	ng/ul	93
66) Hexachlorobenzene	16.87	284	62505	4.38	ng/ul#	91
67) Atrazine	17.01	200	66804	4.48	ng/ul	94
68) Pentachlorophenol	17.22	266	30404m	3.44	ng/ul	
69) Phenanthrene	17.62	178	298747m	4.79	ng/ul	
71) Anthracene	17.71	178	323405	4.95	ng/ul	98
72) Carbazole	17.98	167	269106	5.24	ng/ul	98
73) Di-n-butylphthalate	18.52	149	345141m	4.84	ng/ul	
74) Fluoranthene	19.62	202	376257m	5.75	ng/ul	
77) Pyrene	19.99	202	396413	4.93	ng/ul#	91
78) Butylbenzylphthalate	20.86	149	151500	4.34	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	122206	4.64	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	378909	4.83	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	219516	4.60	ng/ul	97
82) Chrysene	21.94	228	345632	4.86	ng/ul	99
84) Di-n-octyl phthalate	23.03	149	372419	5.19	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	356439	4.52	ng/ul#	93
86) Benzo(k)fluoranthene	24.27	252	340745	4.56	ng/ul#	93
88) Benzo(a)pyrene	25.14	252	341763m	4.55	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	373080m	4.41	ng/ul	
90) Dibenzo(a,h)anthracene	29.24	278	302960m	4.35	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	302418m	4.33	ng/ul	

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

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