Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023264.D
Acq On : 25 Jul 2016 23:20
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc : MDL 4PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-S-ML

Manual Integrations APPROVED
SOHIL
7/26/2016 11:41:17 AM

Quant Time: Jul 26 10:36:17 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	204948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	685686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	483419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1119222	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1127068	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1117861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	11258	2.48	ng/uL	0.00
5) Phenol-d5	7.29	99	702340m	33.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	537011	38.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	499956	35.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	369416	22.47	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	188405	34.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	217773	33.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	359536	29.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	510599	40.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1334754	33.21	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1584310	34.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	215345	30.36	ng/ul	0.00
57) Fluorene-d10	15.81	176	1215773	33.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	237638	30.86	ng/ul	0.00
70) Anthracene-d10	17.67	188	1815056	34.64	ng/ul	0.00
76) Pyrene-d10	19.96	212	2025266	34.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1915667	36.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3927m	0.81	ng/uL	
4) Benzaldehyde	7.26	77	51383	3.92	ng/ul	84
6) Phenol	7.31	94	68562	3.12	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.55	93	63568	3.85	ng/ul	88
10) 2-Chlorophenol	7.69	128	45996	3.15	ng/ul#	73
11) 2-Methylphenol	8.58	108	39409	2.43	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.67	45	54973	2.46	ng/ul#	96
14) Acetophenone	8.96	105	65427	2.29	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.94	70	37895	2.01	ng/ul#	83
16) 4-Methylphenol	8.92	108	38031	2.10	ng/ul	96
17) Hexachloroethane	9.24	117	17533m	2.54	ng/ul	
20) Nitrobenzene	9.36	77	55715	3.15	ng/ul#	79
21) Isophorone	9.88	82	102484	3.03	ng/ul#	86
23) 2-Nitrophenol	10.08	139	23165m	3.39	ng/ul	
24) 2,4-Dimethylphenol	10.13	107	45332	2.89	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.37	93	57972	3.10	ng/ul#	97
27) 2,4-Dichlorophenol	10.61	162	34723m	2.91	ng/ul	
28) Naphthalene	11.02	128	114517	3.32	ng/ul	97
30) 4-Chloroaniline	11.14	127	48435	3.76	ng/ul	96
31) Hexachlorobutadiene	11.30	225	29249	3.05	ng/ul	94
32) Caprolactam	11.91	113	13511m	2.73	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	42708m	2.73	ng/ul	
34) 2-Methylnaphthalene	12.63	142	92304	3.24	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	53279	3.30	ng/ul#	94
37) Hexachlorocyclopentadiene	12.98	237	22986	2.19	ng/ul#	93
38) 2,4,6-Trichlorophenol	13.24	196	30531	2.73	ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	31982	2.81	ng/ul	85
40) 1,1'-Biphenyl	13.63	154	128690	3.55	ng/ul	99
41) 2-Chloronaphthalene	13.68	162	99901	3.42	ng/ul	99
42) 2-Nitroaniline	13.89	65	35363	2.72	ng/ul#	52
44) Dimethylphthalate	14.25	163	134458	3.30	ng/ul#	93
45) 2,6-Dinitrotoluene	14.38	165	25713	2.91	ng/ul	92
47) Acenaphthylene	14.53	152	166597	3.60	ng/ul	96
48) 3-Nitroaniline	14.71	138	24063	3.19	ng/ul#	54
49) Acenaphthene	14.87	153	106287	3.40	ng/ul	97
50) 2,4-Dinitrophenol	14.93	184	7879	1.42	ng/ul	96
52) 4-Nitrophenol	15.03	109	19576	2.32	ng/ul#	67
53) Dibenzofuran	15.21	168	166642	3.61	ng/ul	91
54) 2,4-Dinitrotoluene	15.17	165	39051	2.90	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.44	232	27145	2.36	ng/ul	97
56) Diethylphthalate	15.61	149	144460	3.34	ng/ul#	98
58) Fluorene	15.86	166	134950	3.55	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	67588	3.24	ng/ul	90
60) 4-Nitroaniline	15.88	138	30731	3.31	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.93	198	23964	2.94	ng/ul#	1
64) N-Nitrosodiphenylamine	16.07	169	112734	3.49	ng/ul	90
65) 4-Bromophenyl-phenylether	16.75	248	44270	3.44	ng/ul	96
66) Hexachlorobenzene	16.87	284	43369	3.29	ng/ul	96
67) Atrazine	17.01	200	40136	2.91	ng/ul	95
68) Pentachlorophenol	17.22	266	16089m	1.97	ng/ul	
69) Phenanthrene	17.61	178	223701	3.88	ng/ul	96
71) Anthracene	17.71	178	227268	3.76	ng/ul	97
72) Carbazole	17.98	167	183738	3.87	ng/ul#	93
73) Di-n-butylphthalate	18.52	149	239609	3.64	ng/ul#	97
74) Fluoranthene	19.63	202	257370	4.25	ng/ul#	92
77) Pyrene	19.99	202	276432	4.03	ng/ul#	87
78) Butylbenzylphthalate	20.87	149	98732	3.32	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.78	252	67074	2.98	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	258545	3.86	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	137849	3.39	ng/ul	98
82) Chrysene	21.94	228	236825	3.90	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	231322	3.73	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	229037	3.37	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	235652	3.66	ng/ul#	90
88) Benzo(a)pyrene	25.14	252	240851	3.72	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.19	276	245460m	3.36	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	192103m	3.20	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	200293m	3.32	ng/ul	

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

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