Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023202.D
Acq On : 21 Jul 2016 00:34
Operator : UM/SJ
Sample : MDL-03-W
Misc : MDL 8PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-W

Manual Integrations APPROVED
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7/21/2016 1:51:09 PM

Quant Time: Jul 21 10:39:07 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	128157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	585521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	412082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1017952	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1109857	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1082878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7726	2.73	ng/uL	0.00
5) Phenol-d5	7.29	99	411382	31.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	296192m	33.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	278392	31.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	319287	31.06	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	159631	34.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	179017	32.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	311066	30.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	429534	40.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1157663	33.79	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1305512	33.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	201340	33.30	ng/ul	0.00
57) Fluorene-d10	15.80	176	1013733	32.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	215113	30.71	ng/ul	0.00
70) Anthracene-d10	17.67	188	1569963	32.95	ng/ul	0.00
76) Pyrene-d10	19.96	212	1861930	32.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1716680	33.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3631m	1.20	ng/uL	
4) Benzaldehyde	7.27	77	61632	7.51	ng/ul#	79
6) Phenol	7.32	94	77352	5.63	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.55	93	66107	6.40	ng/ul#	84
10) 2-Chlorophenol	7.70	128	50589	5.55	ng/ul#	84
11) 2-Methylphenol	8.58	108	55263	5.44	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.68	45	84480	6.04	ng/ul	94
14) Acetophenone	8.97	105	109200	6.10	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.95	70	68406	5.80	ng/ul#	88
16) 4-Methylphenol	8.92	108	65440	5.79	ng/ul	96
17) Hexachloroethane	9.23	117	25082	5.81	ng/ul#	89
20) Nitrobenzene	9.36	77	92210	6.10	ng/ul#	79
21) Isophorone	9.88	82	173459	6.02	ng/ul#	91
23) 2-Nitrophenol	10.08	139	36732	6.30	ng/ul#	56
24) 2,4-Dimethylphenol	10.13	107	80342	5.99	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.37	93	97609	6.12	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	59772	5.87	ng/ul#	90
28) Naphthalene	11.03	128	180305	6.12	ng/ul	99
30) 4-Chloroaniline	11.14	127	73878	6.71	ng/ul	94
31) Hexachlorobutadiene	11.30	225	48626	5.94	ng/ul	95
32) Caprolactam	11.91	113	22501m	5.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	71842	5.37	ng/ul	94
34) 2-Methylnaphthalene	12.64	142	143804	5.90	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	88484	6.44 ng/ul#	90
37) Hexachlorocyclopentadiene	12.97	237	48042	5.37 ng/ul	95
38) 2,4,6-Trichlorophenol	13.24	196	56032	5.89 ng/ul	94
39) 2,4,5-Trichlorophenol	13.32	196	59674m	6.14 ng/ul	
40) 1,1'-Biphenyl	13.63	154	196190	6.35 ng/ul	97
41) 2-Chloronaphthalene	13.68	162	159565	6.41 ng/ul	94
42) 2-Nitroaniline	13.89	65	61086	5.51 ng/ul#	68
44) Dimethylphthalate	14.25	163	223773	6.45 ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	44107	5.86 ng/ul#	87
47) Acenaphthylene	14.53	152	253763	6.43 ng/ul	98
48) 3-Nitroaniline	14.72	138	44424	6.91 ng/ul#	60
49) Acenaphthene	14.87	153	165966	6.23 ng/ul	93
50) 2,4-Dinitrophenol	14.92	184	18491	3.91 ng/ul	92
52) 4-Nitrophenol	15.03	109	45827	6.37 ng/ul#	64
53) Dibenzofuran	15.21	168	256003	6.51 ng/ul#	85
54) 2,4-Dinitrotoluene	15.17	165	68322	5.96 ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.44	232	58402	5.95 ng/ul	92
56) Diethylphthalate	15.61	149	243649	6.60 ng/ul	98
58) Fluorene	15.86	166	207060	6.39 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.85	204	111351	6.27 ng/ul	96
60) 4-Nitroaniline	15.88	138	51577	6.52 ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	15.94	198	43055	5.81 ng/ul#	69
64) N-Nitrosodiphenylamine	16.06	169	184192	6.26 ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	71419	6.10 ng/ul	97
66) Hexachlorobenzene	16.87	284	73781	6.15 ng/ul	95
67) Atrazine	17.01	200	80862	6.45 ng/ul	95
68) Pentachlorophenol	17.22	266	38389	5.16 ng/ul	89
69) Phenanthrene	17.61	178	358079	6.83 ng/ul	98
71) Anthracene	17.71	178	377308	6.87 ng/ul	98
72) Carbazole	17.98	167	307464	7.11 ng/ul	98
73) Di-n-butylphthalate	18.52	149	408163	6.81 ng/ul#	96
74) Fluoranthene	19.63	202	435261	7.90 ng/ul#	88
77) Pyrene	19.99	202	462538	6.86 ng/ul#	86
78) Butylbenzylphthalate	20.87	149	183901m	6.28 ng/ul	
79) 3,3'-Dichlorobenzidine	21.78	252	143682	6.49 ng/ul#	95
80) Benzo(a)anthracene	21.87	228	436969	6.63 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.75	149	261610	6.53 ng/ul#	98
82) Chrysene	21.94	228	401328	6.71 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	430795	7.18 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	429895	6.53 ng/ul#	91
86) Benzo(k)fluoranthene	24.27	252	410453	6.57 ng/ul#	92
88) Benzo(a)pyrene	25.14	252	411907	6.56 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.17	276	436841m	6.18 ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	359363m	6.17 ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	355885	6.09 ng/ul#	85

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

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