Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023196.D
Acq On : 20 Jul 2016 20:33
Operator : UM/SJ
Sample : MDL-04-W
Misc : MDL 4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Manual Integrations
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7/21/2016 1:50:47 PM

Quant Time: Jul 21 10:32:39 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	137072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	669358	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	510553	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1255972	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1359877	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1329144	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8663	2.86	ng/uL	0.00
5) Phenol-d5	7.29	99	362588	25.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	268241	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	252120	26.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	292716	26.62	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	149090	27.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	172235	27.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	291605	24.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	431374	35.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1182749	27.86	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1307108	27.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	205527	27.44	ng/ul	0.00
57) Fluorene-d10	15.81	176	1034624	26.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	226606	26.22	ng/ul	0.00
70) Anthracene-d10	17.67	188	1630829	27.74	ng/ul	0.00
76) Pyrene-d10	19.96	212	1900367	27.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1735034	27.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2575m	0.79	ng/uL	
4) Benzaldehyde	7.27	77	27819	3.17	ng/ul#	84
6) Phenol	7.32	94	35937	2.44	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.55	93	30958	2.80	ng/ul	95
10) 2-Chlorophenol	7.70	128	22694	2.33	ng/ul#	81
11) 2-Methylphenol	8.58	108	24938	2.30	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.67	45	37528	2.51	ng/ul#	96
14) Acetophenone	8.97	105	48820	2.55	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.94	70	32092	2.54	ng/ul#	92
16) 4-Methylphenol	8.91	108	28797m	2.38	ng/ul	
17) Hexachloroethane	9.23	117	10759	2.33	ng/ul	92
20) Nitrobenzene	9.36	77	41832	2.42	ng/ul#	88
21) Isophorone	9.89	82	85704	2.60	ng/ul#	86
23) 2-Nitrophenol	10.08	139	16118	2.42	ng/ul#	55
24) 2,4-Dimethylphenol	10.13	107	34918	2.28	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.37	93	44614	2.45	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	28054	2.41	ng/ul#	70
28) Naphthalene	11.02	128	85747	2.55	ng/ul#	94
30) 4-Chloroaniline	11.14	127	35559	2.83	ng/ul	98
31) Hexachlorobutadiene	11.31	225	21014	2.25	ng/ul#	85
32) Caprolactam	11.92	113	12158m	2.52	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	36338	2.38	ng/ul#	69
34) 2-Methylnaphthalene	12.63	142	67920	2.44	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	42449	2.49	ng/ul	93
37) Hexachlorocyclopentadiene	12.98	237	18955	1.71	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.24	196	26013	2.21	ng/ul	94
39) 2,4,5-Trichlorophenol	13.32	196	25065m	2.08	ng/ul	
40) 1,1'-Biphenyl	13.64	154	93033	2.43	ng/ul	95
41) 2-Chloronaphthalene	13.69	162	75602	2.45	ng/ul	94
42) 2-Nitroaniline	13.89	65	33614	2.45	ng/ul#	50
44) Dimethylphthalate	14.25	163	114901	2.67	ng/ul#	94
45) 2,6-Dinitrotoluene	14.38	165	21761	2.33	ng/ul#	87
47) Acenaphthylene	14.53	152	124075	2.54	ng/ul	99
48) 3-Nitroaniline	14.72	138	21153	2.65	ng/ul#	77
49) Acenaphthene	14.87	153	83198	2.52	ng/ul	97
50) 2,4-Dinitrophenol	14.93	184	8887	1.52	ng/ul#	68
52) 4-Nitrophenol	15.03	109	22725	2.55	ng/ul#	59
53) Dibenzofuran	15.21	168	125149	2.57	ng/ul#	87
54) 2,4-Dinitrotoluene	15.17	165	32830	2.31	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.44	232	27599	2.27	ng/ul#	99
56) Diethylphthalate	15.61	149	118285	2.59	ng/ul#	94
58) Fluorene	15.86	166	102230	2.54	ng/ul#	94
59) 4-Chlorophenyl-phenylether	15.85	204	54429	2.47	ng/ul#	91
60) 4-Nitroaniline	15.88	138	24817	2.53	ng/ul#	44
63) 4,6-Dinitro-2-methylphenol	15.94	198	23283	2.55	ng/ul#	38
64) N-Nitrosodiphenylamine	16.07	169	92290	2.54	ng/ul	96
65) 4-Bromophenyl-phenylether	16.75	248	35596	2.46	ng/ul	96
66) Hexachlorobenzene	16.87	284	37843	2.56	ng/ul#	82
67) Atrazine	17.01	200	39694	2.56	ng/ul	94
68) Pentachlorophenol	17.22	266	16273	1.77	ng/ul	90
69) Phenanthrene	17.61	178	177396	2.74	ng/ul	97
71) Anthracene	17.71	178	187283	2.76	ng/ul	99
72) Carbazole	17.98	167	156960	2.94	ng/ul	99
73) Di-n-butylphthalate	18.52	149	197526	2.67	ng/ul#	94
74) Fluoranthene	19.63	202	217769	3.20	ng/ul#	91
77) Pyrene	19.99	202	236852	2.86	ng/ul#	87
78) Butylbenzylphthalate	20.87	149	92326	2.57	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.78	252	71537	2.64	ng/ul#	94
80) Benzo(a)anthracene	21.87	228	227079	2.81	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	124470	2.54	ng/ul	96
82) Chrysene	21.94	228	208471	2.85	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	222405	3.02	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	203338	2.51	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	208869	2.73	ng/ul#	87
88) Benzo(a)pyrene	25.13	252	197083	2.56	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.17	276	216987m	2.50	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	179362m	2.51	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	171141m	2.39	ng/ul	

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

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