Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023195.D
Acq On : 20 Jul 2016 19:53
Operator : UM/SJ
Sample : MDL-03-W
Misc : MDL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-W

Manual Integrations APPROVED
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Quant Time: Jul 21 10:31:38 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	123084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	604210	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	464766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1149271	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1192613	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1165363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8890	3.27	ng/uL	0.00
5) Phenol-d5	7.29	99	367524	28.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	276621	32.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	248775	29.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	296740	30.05	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	151453	31.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	175336	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	297304	28.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	434849	39.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1217450	31.51	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1329499	30.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	214131	31.40	ng/ul	0.00
57) Fluorene-d10	15.81	176	1080962	30.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	236876	29.96	ng/ul	0.00
70) Anthracene-d10	17.67	188	1667699	31.00	ng/ul	0.00
76) Pyrene-d10	19.96	212	1928110	31.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1762628	32.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2948m	1.01	ng/uL	
4) Benzaldehyde	7.27	77	27909	3.54	ng/ul	85
6) Phenol	7.32	94	36581	2.77	ng/ul#	59
8) Bis(2-Chloroethyl)ether	7.55	93	31306	3.15	ng/ul#	85
10) 2-Chlorophenol	7.70	128	22122	2.53	ng/ul#	71
11) 2-Methylphenol	8.58	108	25993	2.66	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.67	45	43440	3.23	ng/ul	96
14) Acetophenone	8.97	105	50834	2.96	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.95	70	34455	3.04	ng/ul#	92
16) 4-Methylphenol	8.91	108	29330	2.70	ng/ul	89
17) Hexachloroethane	9.23	117	11870	2.86	ng/ul	87
20) Nitrobenzene	9.36	77	47147	3.02	ng/ul#	73
21) Isophorone	9.88	82	91028	3.06	ng/ul#	89
23) 2-Nitrophenol	10.08	139	17923	2.98	ng/ul#	59
24) 2,4-Dimethylphenol	10.13	107	36484m	2.64	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.36	93	46937	2.85	ng/ul	94
27) 2,4-Dichlorophenol	10.62	162	28319	2.70	ng/ul	91
28) Naphthalene	11.03	128	86939	2.86	ng/ul	97
30) 4-Chloroaniline	11.13	127	36301	3.20	ng/ul	98
31) Hexachlorobutadiene	11.31	225	22862	2.71	ng/ul	96
32) Caprolactam	11.91	113	12833m	2.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	38394	2.78	ng/ul#	88
34) 2-Methylnaphthalene	12.63	142	75226m	2.99	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	43309	2.79 ng/ul	95
37) Hexachlorocyclopentadiene	12.97	237	20957	2.08 ng/ul#	86
38) 2,4,6-Trichlorophenol	13.24	196	27785	2.59 ng/ul	93
39) 2,4,5-Trichlorophenol	13.31	196	28360	2.59 ng/ul	88
40) 1,1'-Biphenyl	13.64	154	102804	2.95 ng/ul	93
41) 2-Chloronaphthalene	13.68	162	82689	2.94 ng/ul	95
42) 2-Nitroaniline	13.89	65	32974	2.64 ng/ul#	70
44) Dimethylphthalate	14.25	163	120369	3.07 ng/ul	96
45) 2,6-Dinitrotoluene	14.38	165	23580	2.78 ng/ul#	85
47) Acenaphthylene	14.53	152	133761	3.01 ng/ul	97
48) 3-Nitroaniline	14.71	138	23307	3.21 ng/ul#	70
49) Acenaphthene	14.88	153	86590	2.88 ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	8771	1.65 ng/ul#	87
52) 4-Nitrophenol	15.02	109	24162	2.98 ng/ul#	63
53) Dibenzofuran	15.21	168	139545	3.15 ng/ul	90
54) 2,4-Dinitrotoluene	15.17	165	36548	2.83 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.44	232	29643	2.68 ng/ul#	85
56) Diethylphthalate	15.62	149	130631	3.14 ng/ul	95
58) Fluorene	15.86	166	113018	3.09 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	61172	3.05 ng/ul	92
60) 4-Nitroaniline	15.88	138	26977	3.02 ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.93	198	24332	2.91 ng/ul#	33
64) N-Nitrosodiphenylamine	16.06	169	96628	2.91 ng/ul	89
65) 4-Bromophenyl-phenylether	16.75	248	40081	3.03 ng/ul	95
66) Hexachlorobenzene	16.87	284	42699	3.15 ng/ul	95
67) Atrazine	17.01	200	44521	3.14 ng/ul	95
68) Pentachlorophenol	17.22	266	16986	2.02 ng/ul#	78
69) Phenanthrene	17.62	178	190160	3.21 ng/ul	97
71) Anthracene	17.70	178	201586	3.25 ng/ul	96
72) Carbazole	17.98	167	164092	3.36 ng/ul	98
73) Di-n-butylphthalate	18.52	149	217845	3.22 ng/ul#	95
74) Fluoranthene	19.62	202	238392	3.83 ng/ul#	88
77) Pyrene	19.99	202	252500	3.48 ng/ul#	87
78) Butylbenzylphthalate	20.86	149	93440	2.97 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	75441	3.17 ng/ul#	95
80) Benzo(a)anthracene	21.87	228	236245	3.34 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	138324	3.22 ng/ul	98
82) Chrysene	21.94	228	222069	3.46 ng/ul	96
84) Di-n-octyl phthalate	23.03	149	231100	3.58 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	225332	3.18 ng/ul#	88
86) Benzo(k)fluoranthene	24.28	252	212014	3.16 ng/ul#	85
88) Benzo(a)pyrene	25.14	252	209013	3.09 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.18	276	230419m	3.03 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	184932	2.95 ng/ul#	88
91) Benzo(g,h,i)perylene	30.41	276	190317	3.03 ng/ul#	81

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

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