Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017883.D
Acq On : 15 Jul 2015 7:18
Operator : TP/UM
Sample : MDL-07-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Manual Integrations APPROVED
apatel
7/16/2015 8:20:15 AM

Quant Time: Jul 15 08:47:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	71181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	319694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	175083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	361922	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	357946	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	324688	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11638	5.85	ng/uL	0.00
5) Phenol-d5	6.77	99	191388	31.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	136901	32.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	153321	32.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	143956	30.59	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	86695	34.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	61861	33.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	118763	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	226988	41.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	426281	34.92	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	578489	36.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	67893	29.47	ng/ul	0.00
57) Fluorene-d10	15.24	176	409134	36.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	34335	20.28	ng/ul	0.00
70) Anthracene-d10	17.10	188	606681	36.99	ng/ul	0.00
78) Pyrene-d10	19.40	212	665526	39.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578405	36.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1307	0.61	ng/uL#	76
4) Benzaldehyde	6.74	77	16798	4.67	ng/ul	93
6) Phenol	6.79	94	20830	3.09	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.03	93	18847	3.43	ng/ul	98
10) 2-Chlorophenol	7.16	128	15508	3.22	ng/ul	96
11) 2-Methylphenol	8.03	108	14097	2.88	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.13	45	27063	3.39	ng/ul	99
14) Acetophenone	8.41	105	26539	3.39	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	14685	3.04	ng/ul	93
16) 4-Methylphenol	8.36	108	15573	2.92	ng/ul	88
17) Hexachloroethane	8.65	117	7280	3.17	ng/ul	99
20) Nitrobenzene	8.78	77	21400	3.25	ng/ul#	97
21) Isophorone	9.30	82	38815	3.15	ng/ul	95
23) 2-Nitrophenol	9.49	139	7207	3.24	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	16513	2.90	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	22844	3.30	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	12074	3.12	ng/ul	94
28) Naphthalene	10.42	128	56228	3.40	ng/ul	98
30) 4-Chloroaniline	10.53	127	19743	3.44	ng/ul	92
31) Hexachlorobutadiene	10.70	225	7970	3.26	ng/ul#	84
32) Caprolactam	11.32	113	4495m	1.58	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	10996	2.31	ng/ul#	87
34) 2-Methylnaphthalene	12.04	142	37333	3.33	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	15766	3.42	ng/ul#	91
37) Hexachlorocyclopentadiene	12.40	237	5605	2.34	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.67	196	6789m	2.72	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	7274	2.67	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	45956	3.39	ng/ul	96
41) 2-Chloronaphthalene	13.11	162	35661	3.43	ng/ul	93
42) 2-Nitroaniline	13.32	65	6943	2.28	ng/ul#	77
44) Dimethylphthalate	13.71	163	44041	3.43	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	6394	2.74	ng/ul	97
47) Acenaphthylene	13.97	152	61345	3.50	ng/ul	98
48) 3-Nitroaniline	14.15	138	6837	2.57	ng/ul#	95
49) Acenaphthene	14.31	153	41012	3.48	ng/ul	93
50) 2,4-Dinitrophenol	14.36	184	773	0.79	ng/ul#	63
52) 4-Nitrophenol	14.46	109	5809	2.97	ng/ul	93
53) Dibenzofuran	14.65	168	54970	3.54	ng/ul	93
54) 2,4-Dinitrotoluene	14.62	165	9188	2.74	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	5396	2.56	ng/ul#	89
56) Diethylphthalate	15.08	149	42347	3.21	ng/ul	98
58) Fluorene	15.30	166	47639	3.53	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	20838	3.32	ng/ul	93
60) 4-Nitroaniline	15.32	138	9037	2.85	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.38	198	3900	2.07	ng/ul#	96
64) N-Nitrosodiphenylamine	15.51	169	36833	3.34	ng/ul	92
65) 4-Bromophenyl-phenylether	16.19	248	11921	3.43	ng/ul	94
66) Hexachlorobenzene	16.30	284	13489	3.58	ng/ul	98
67) Atrazine	16.47	200	10557	2.79	ng/ul	97
68) Pentachlorophenol	16.66	266	2918	1.56	ng/ul#	82
69) Phenanthrene	17.04	178	72213	3.61	ng/ul	98
71) Anthracene	17.13	178	74663	3.65	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	14248	3.09	ng/uL	97
73) Pentachlorobenzene	14.56	250	16460	3.72	ng/uL	97
74) Carbazole	17.40	167	62520	3.50	ng/ul	99
75) Di-n-butylphthalate	17.98	149	66278	2.96	ng/ul	100
76) Fluoranthene	19.07	202	73648	3.63	ng/ul	100
79) Pyrene	19.43	202	86845	3.94	ng/ul	95
80) Butylbenzylphthalate	20.35	149	18772	2.11	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.13	252	9112	1.70	ng/ul	87
82) Benzo(a)anthracene	21.18	228	71928	3.64	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.13	149	23835	1.93	ng/ul#	97
84) Chrysene	21.23	228	70640	3.72	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	33023	1.74	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	56665	3.16	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	69113m	3.74	ng/ul	
90) Benzo(a)pyrene	23.32	252	66361	3.69	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	60112	3.12	ng/ul	92
92) Dibenzo(a,h)anthracene	25.67	278	48302	2.95	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	50877	3.16	ng/ul#	90

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

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