Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017877.D
Acq On : 15 Jul 2015 3:48
Operator : TP/UM
Sample : MDL-01-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:04 AM

Quant Time: Jul 15 08:38:54 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	64150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	285940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	159725	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	325741	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	330293	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	303974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9059	5.05	ng/uL	0.00
5) Phenol-d5	6.77	99	157205	28.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	112598	29.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	128542	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	119598	28.20	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69296	31.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	48199	28.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	96655	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	181844	36.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	363454	32.64	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	469391	32.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	61583	29.30	ng/ul	0.00
57) Fluorene-d10	15.25	176	346272	33.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	32024	21.01	ng/ul	0.00
70) Anthracene-d10	17.10	188	547744	37.11	ng/ul	0.00
78) Pyrene-d10	19.41	212	609945	39.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	535103	35.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	755	0.39	ng/uL#	34
4) Benzaldehyde	6.74	77	12308	3.80	ng/ul	98
6) Phenol	6.79	94	16012	2.64	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.03	93	14805	2.99	ng/ul#	78
10) 2-Chlorophenol	7.15	128	12107	2.79	ng/ul	99
11) 2-Methylphenol	8.03	108	10841	2.46	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21538	2.99	ng/ul#	94
14) Acetophenone	8.41	105	21140	2.99	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	11503	2.64	ng/ul	89
16) 4-Methylphenol	8.36	108	11380	2.37	ng/ul	93
17) Hexachloroethane	8.66	117	5948	2.87	ng/ul#	87
20) Nitrobenzene	8.78	77	17294	2.94	ng/ul	98
21) Isophorone	9.31	82	30454	2.77	ng/ul	95
23) 2-Nitrophenol	9.49	139	5468	2.75	ng/ul#	78
24) 2,4-Dimethylphenol	9.55	107	12368	2.43	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	17436	2.82	ng/ul#	90
27) 2,4-Dichlorophenol	10.02	162	9231	2.66	ng/ul#	74
28) Naphthalene	10.42	128	43437	2.94	ng/ul	98
30) 4-Chloroaniline	10.53	127	15112	2.94	ng/ul#	86
31) Hexachlorobutadiene	10.71	225	6073	2.78	ng/ul	97
32) Caprolactam	11.31	113	3223m	1.27	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	9331	2.19	ng/ul	91
34) 2-Methylnaphthalene	12.04	142	27828	2.77	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	11514	2.74	ng/ul#	91
37) Hexachlorocyclopentadiene	12.40	237	3625	1.66	ng/ul	86
38) 2,4,6-Trichlorophenol	12.66	196	4923m	2.16	ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	4857	1.95	ng/ul#	84
40) 1,1'-Biphenyl	13.07	154	36948	2.99	ng/ul	93
41) 2-Chloronaphthalene	13.11	162	27550	2.90	ng/ul	92
42) 2-Nitroaniline	13.32	65	5515	1.98	ng/ul	96
44) Dimethylphthalate	13.71	163	37073	3.17	ng/ul	96
45) 2,6-Dinitrotoluene	13.82	165	5031	2.36	ng/ul	89
47) Acenaphthylene	13.96	152	47609	2.98	ng/ul	96
48) 3-Nitroaniline	14.15	138	6053	2.49	ng/ul	93
49) Acenaphthene	14.31	153	32650	3.03	ng/ul	92
50) 2,4-Dinitrophenol	14.36	184	877	0.98	ng/ul#	55
52) 4-Nitrophenol	14.46	109	4971	2.79	ng/ul#	83
53) Dibenzofuran	14.65	168	43693	3.08	ng/ul	91
54) 2,4-Dinitrotoluene	14.61	165	7877	2.58	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	4572	2.38	ng/ul#	82
56) Diethylphthalate	15.09	149	36018	2.99	ng/ul	100
58) Fluorene	15.30	166	37927	3.08	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	17098	2.99	ng/ul	96
60) 4-Nitroaniline	15.32	138	7542	2.61	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	3451	2.03	ng/ul#	80
64) N-Nitrosodiphenylamine	15.51	169	28843	2.91	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	9437	3.02	ng/ul	93
66) Hexachlorobenzene	16.30	284	10111	2.98	ng/ul	96
67) Atrazine	16.47	200	9104	2.68	ng/ul	92
68) Pentachlorophenol	16.64	266	2329m	1.39	ng/ul	
69) Phenanthrene	17.04	178	60904	3.39	ng/ul	98
71) Anthracene	17.13	178	64178	3.49	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	10573	2.55	ng/uL#	74
73) Pentachlorobenzene	14.57	250	13191	3.32	ng/uL#	86
74) Carbazole	17.40	167	54277	3.38	ng/ul#	93
75) Di-n-butylphthalate	17.98	149	57173	2.84	ng/ul	99
76) Fluoranthene	19.06	202	65292	3.57	ng/ul	97
79) Pyrene	19.43	202	78556	3.86	ng/ul	95
80) Butylbenzylphthalate	20.35	149	17349	2.11	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	9336	1.89	ng/ul	90
82) Benzo(a)anthracene	21.19	228	61429	3.37	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.13	149	21776	1.91	ng/ul	97
84) Chrysene	21.23	228	64163	3.67	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	32025	1.80	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	53868	3.21	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	56249	3.25	ng/ul	96
90) Benzo(a)pyrene	23.32	252	55951	3.32	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	53510m	2.97	ng/ul	
92) Dibenzo(a,h)anthracene	25.67	278	43437	2.83	ng/ul	98
93) Benzo(g,h,i)perylene	26.34	276	47418	3.14	ng/ul	96

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

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