Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017878.D
Acq On : 15 Jul 2015 4:23
Operator : TP/UM
Sample : MDL-02-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:09 AM

Quant Time: Jul 15 08:41:11 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	68196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	298895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	165409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	348235	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	352353	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	319015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9329	4.90	ng/uL	0.00
5) Phenol-d5	6.76	99	153555	26.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	114960	28.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	127374	27.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	120027	26.62	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69225	29.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	51411	29.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	96175	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	181651	35.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	346541	30.05	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	462859	30.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	53147	24.42	ng/ul	0.00
57) Fluorene-d10	15.24	176	329526	30.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	24793	15.22	ng/ul	0.00
70) Anthracene-d10	17.09	188	490772	31.10	ng/ul	0.00
78) Pyrene-d10	19.40	212	534871	32.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	465249	29.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1440	0.71	ng/uL#	63
4) Benzaldehyde	6.74	77	12960	3.76	ng/ul	96
6) Phenol	6.79	94	16510	2.56	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.02	93	14802	2.81	ng/ul#	89
10) 2-Chlorophenol	7.15	128	11760	2.55	ng/ul	96
11) 2-Methylphenol	8.03	108	10582	2.26	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21055	2.75	ng/ul	94
14) Acetophenone	8.40	105	21203	2.83	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.40	70	11701	2.53	ng/ul#	85
16) 4-Methylphenol	8.36	108	13189	2.58	ng/ul	89
17) Hexachloroethane	8.65	117	6480	2.94	ng/ul#	78
20) Nitrobenzene	8.78	77	17688	2.88	ng/ul	99
21) Isophorone	9.30	82	31334	2.72	ng/ul	100
23) 2-Nitrophenol	9.49	139	5182	2.49	ng/ul#	95
24) 2,4-Dimethylphenol	9.56	107	12780	2.40	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.79	93	17303	2.67	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	9858	2.72	ng/ul	95
28) Naphthalene	10.42	128	44848	2.90	ng/ul	97
30) 4-Chloroaniline	10.53	127	15188	2.83	ng/ul	97
31) Hexachlorobutadiene	10.71	225	6644	2.91	ng/ul	95
32) Caprolactam	11.31	113	2712m	1.02	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	10254	2.31	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	28517	2.72	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	11290	2.59 ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	4397	1.94 ng/ul#	92
38) 2,4,6-Trichlorophenol	12.66	196	5264	2.23 ng/ul	92
39) 2,4,5-Trichlorophenol	12.73	196	5467	2.12 ng/ul	90
40) 1,1'-Biphenyl	13.07	154	36806	2.88 ng/ul	96
41) 2-Chloronaphthalene	13.10	162	28286	2.88 ng/ul	90
42) 2-Nitroaniline	13.32	65	5295	1.84 ng/ul	85
44) Dimethylphthalate	13.71	163	34991	2.89 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	4453	2.02 ng/ul	99
47) Acenaphthylene	13.96	152	49251	2.97 ng/ul	98
48) 3-Nitroaniline	14.16	138	4664	1.85 ng/ul	91
49) Acenaphthene	14.31	153	31620	2.84 ng/ul	92
50) 2,4-Dinitrophenol	14.36	184	504	0.54 ng/ul#	57
52) 4-Nitrophenol	14.47	109	4620	2.50 ng/ul#	75
53) Dibenzofuran	14.64	168	43472	2.96 ng/ul	94
54) 2,4-Dinitrotoluene	14.61	165	7209	2.28 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.87	232	3981	2.00 ng/ul#	98
56) Diethylphthalate	15.08	149	33448	2.68 ng/ul	94
58) Fluorene	15.30	166	37352	2.93 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	16876	2.85 ng/ul	93
60) 4-Nitroaniline	15.32	138	6326	2.11 ng/ul#	93
63) 4,6-Dinitro-2-methylphenol	15.37	198	3041	1.67 ng/ul#	32
64) N-Nitrosodiphenylamine	15.51	169	27849	2.63 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	8948	2.68 ng/ul	95
66) Hexachlorobenzene	16.30	284	9398	2.59 ng/ul	94
67) Atrazine	16.47	200	8006	2.20 ng/ul#	83
68) Pentachlorophenol	16.65	266	2381m	1.32 ng/ul	
69) Phenanthrene	17.04	178	55800	2.90 ng/ul	97
71) Anthracene	17.13	178	58872	2.99 ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	11525	2.60 ng/uL	96
73) Pentachlorobenzene	14.57	250	13578	3.19 ng/uL	89
74) Carbazole	17.41	167	48944	2.85 ng/ul	98
75) Di-n-butylphthalate	17.98	149	49719	2.31 ng/ul#	98
76) Fluoranthene	19.07	202	57677	2.95 ng/ul	96
79) Pyrene	19.43	202	67764	3.12 ng/ul	99
80) Butylbenzylphthalate	20.35	149	14622	1.67 ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.12	252	8041	1.52 ng/ul#	88
82) Benzo(a)anthracene	21.18	228	55637	2.86 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	19239	1.58 ng/ul	97
84) Chrysene	21.24	228	57084	3.06 ng/ul	99
86) Di-n-octyl phthalate	22.00	149	29551	1.58 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	45145	2.56 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	48125	2.65 ng/ul	98
90) Benzo(a)pyrene	23.32	252	49904	2.82 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	47106	2.49 ng/ul	91
92) Dibenzo(a,h)anthracene	25.67	278	39350	2.45 ng/ul	95
93) Benzo(g,h,i)perylene	26.34	276	40418	2.55 ng/ul#	92

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

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