Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
Data File : BG026616.D
Acq On : 11 Apr 2017 13:48
Operator : SJ/MA
Sample : 50 PPM - Extract
Misc : For Confirmation
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 50 PPM - Extract

Quant Time: Apr 11 16:05:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	166830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	705256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	438508	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1064380	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1184244	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1208381	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	131827	35.39	ng/uL#	84
4) Benzaldehyde	7.17	77	131938	19.23	ng/ul	94
6) Phenol	7.23	94	627631	48.92	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.45	93	445233	45.47	ng/ul	94
10) 2-Chlorophenol	7.60	128	509995	47.85	ng/ul	97
11) 2-Methylphenol	8.47	108	474611	47.31	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.57	45	424801	46.01	ng/ul	97
14) Acetophenone	8.85	105	688758	46.33	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.83	70	319380	46.28	ng/ul	94
16) 4-Methylphenol	8.80	108	528773	48.70	ng/ul	99
17) Hexachloroethane	9.12	117	173506	43.97	ng/ul	84
20) Nitrobenzene	9.24	77	468344	46.77	ng/ul	89
21) Isophorone	9.75	82	908217	47.63	ng/ul#	93
23) 2-Nitrophenol	9.95	139	296362	47.69	ng/ul#	88
24) 2,4-Dimethylphenol	10.00	107	525622	47.10	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.23	93	605354	45.94	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	522368	48.79	ng/ul	95
28) Naphthalene	10.88	128	1516760	44.82	ng/ul	99
30) 4-Chloroaniline	10.99	127	164571	15.99	ng/ul	97
31) Hexachlorobutadiene	11.17	225	304811	44.74	ng/ul	99
32) Caprolactam	11.76	113	188622m	49.90	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	507421	48.94	ng/ul	87
34) 2-Methylnaphthalene	12.48	142	1175173	44.90	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	567265	41.09 ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	679420	98.51 ng/ul	99
38) 2,4,6-Trichlorophenol	13.08	196	425167	46.42 ng/ul	95
39) 2,4,5-Trichlorophenol	13.16	196	450591	47.78 ng/ul	98
40) 1,1'-Biphenyl	13.48	154	1519073	43.18 ng/ul	98
41) 2-Chloronaphthalene	13.53	162	1158824	43.64 ng/ul	93
42) 2-Nitroaniline	13.73	65	305625	49.50 ng/ul	93
44) Dimethylphthalate	14.10	163	1527285	46.41 ng/ul#	98
45) 2,6-Dinitrotoluene	14.21	165	369026	51.96 ng/ul#	85
47) Acenaphthylene	14.37	152	1896644	45.02 ng/ul	95
48) 3-Nitroaniline	14.54	138	227834	34.82 ng/ul#	90
49) Acenaphthene	14.71	153	1328368	45.44 ng/ul	100
50) 2,4-Dinitrophenol	14.75	184	452926	113.23 ng/ul#	81
52) 4-Nitrophenol	14.86	109	349642	99.75 ng/ul#	64
53) Dibenzofuran	15.04	168	1854474	44.61 ng/ul	93
54) 2,4-Dinitrotoluene	15.00	165	529371	51.55 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.26	232	433522	47.80 ng/ul#	88
56) Diethylphthalate	15.45	149	1536917	46.99 ng/ul	93
58) Fluorene	15.68	166	1537140	44.48 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	776892	45.77 ng/ul#	87
60) 4-Nitroaniline	15.71	138	411383	50.44 ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.76	198	337545	46.99 ng/ul#	83
64) N-Nitrosodiphenylamine	15.89	169	1394216	45.79 ng/ul	96
65) 4-Bromophenyl-phenylether	16.56	248	523428	44.71 ng/ul#	85
66) Hexachlorobenzene	16.69	284	573027	45.66 ng/ul#	86
67) Atrazine	16.83	200	516390	43.79 ng/ul	96
68) Pentachlorophenol	17.03	266	697898	93.44 ng/ul	99
69) Phenanthrene	17.41	178	2426193	43.50 ng/ul	94
71) Anthracene	17.51	178	2512194	44.02 ng/ul#	92
74) Carbazole	17.77	167	2406386	49.05 ng/ul	95
75) Di-n-butylphthalate	18.33	149	2634932	45.56 ng/ul#	96
76) Fluoranthene	19.42	202	2842861	47.70 ng/ul#	95
79) Pyrene	19.78	202	2910571	44.14 ng/ul#	93
80) Butylbenzylphthalate	20.65	149	1241297	47.59 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.51	252	836294	40.69 ng/ul	99
82) Benzo(a)anthracene	21.60	228	2844206	44.41 ng/ul	91
83) Bis(2-ethylhexyl)phthalate	21.50	149	1773015	47.57 ng/ul#	91
84) Chrysene	21.67	228	2631562	44.44 ng/ul	91
86) Di-n-octyl phthalate	22.69	149	3022849	48.63 ng/ul#	98
87) Benzo(b)fluoranthene	23.78	252	3047358	44.46 ng/ul	96
88) Benzo(k)fluoranthene	23.85	252	3016957	46.09 ng/ul	96
90) Benzo(a)pyrene	24.65	252	3006458	45.34 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.41	276	3752673	46.94 ng/ul#	93
92) Dibenzo(a,h)anthracene	28.47	278	3168030	47.46 ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	3123067	46.96 ng/ul	98

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

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