Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

Quant Time: Dec 15 10:13:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	92712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	415861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	329304	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	624563	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	761066	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	785256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5629	3.14	ng/uL	0.00
5) Phenol-d5	7.39	99	121631	15.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	86276	17.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	89938	16.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	103652	15.51	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	50453	17.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	56140	15.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	103247	14.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	416018	59.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	354987	15.67	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	436040	17.57	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	81345	20.90	ng/ul	0.02
57) Fluorene-d10	15.85	176	398810	18.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	63539	16.45	ng/ul	0.01
70) Anthracene-d10	17.71	188	458530	17.39	ng/ul	0.00
76) Pyrene-d10	19.98	212	532776	17.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	547362	17.20	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	33365	5.54	ng/ul#	1
6) Phenol	7.42	94	24027	2.93	ng/ul#	79
14) Acetophenone	9.03	105	228176	22.43	ng/ul#	26
17) Hexachloroethane	9.34	117	67242	26.99	ng/ul#	1
20) Nitrobenzene	9.42	77	23198	2.56	ng/ul#	20
24) 2,4-Dimethylphenol	10.23	107	14932	1.75	ng/ul#	66
25) Bis(2-Chloroethoxy)methane	10.47	93	22278	2.55	ng/ul#	90
27) 2,4-Dichlorophenol	10.69	162	128393	18.73	ng/ul#	30
28) Naphthalene	11.12	128	1492402	77.20	ng/ul	96
30) 4-Chloroaniline	11.20	127	8648	1.22	ng/ul#	1
32) Caprolactam	11.97	113	3963	1.39	ng/ul#	18
34) 2-Methylnaphthalene	12.71	142	2963443	194.26	ng/ul	90
40) 1,1'-Biphenyl	13.70	154	803008	40.22	ng/ul	98
42) 2-Nitroaniline	13.97	65	23416	3.76	ng/ul#	55
44) Dimethylphthalate	14.31	163	220815	9.92	ng/ul#	98
47) Acenaphthylene	14.59	152	89978	3.73	ng/ul#	5
49) Acenaphthene	14.93	153	213927	12.95	ng/ul#	83
52) 4-Nitrophenol	15.09	109	7245	1.55	ng/ul#	1
53) Dibenzofuran	15.26	168	503764	19.27	ng/ul	95
54) 2,4-Dinitrotoluene	15.25	165	36409	5.05	ng/ul#	1
58) Fluorene	15.91	166	544546	25.59	ng/ul#	92
63) 4,6-Dinitro-2-methylphenol	15.98	198	6759	1.69	ng/ul#	1
64) N-Nitrosodiphenylamine	16.10	169	108341	6.74	ng/ul#	51

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) Atrazine	17.01	200	24975	3.27 ng/ul#	18
69) Phenanthrene	17.65	178	281053	9.43 ng/ul#	92
71) Anthracene	17.74	178	53923	1.76 ng/ul#	80
74) Fluoranthene	19.64	202	47278	1.33 ng/ul#	97
77) Pyrene	20.01	202	59245	1.62 ng/ul#	91

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

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