Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025207.D
Acq On : 15 Dec 2016 11:22
Operator : UM/SJ
Sample : H5938-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830

Quant Time: Dec 15 12:33:45 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	8.23	152	85228	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	391518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	312987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	598106	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	739496	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	743358	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	21827	13.23	ng/uL	-0.02
5) Phenol-d5	7.39	99	145711	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	103477	22.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	103261	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	130074	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67889	24.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	70546	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	132829	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	498752	76.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	423397	19.67	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	520974	22.09	ng/ul	0.01
51) 4-Nitrophenol-d4	15.05	143	11311	3.06	ng/ul	0.00
57) Fluorene-d10	15.85	176	616907	30.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	91841	24.83	ng/ul	0.02
70) Anthracene-d10	17.70	188	551067	21.83	ng/ul	0.00
76) Pyrene-d10	19.98	212	653961	21.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	658144	21.85	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	68524	12.38	ng/ul#	1
6) Phenol	7.42	94	71599	9.49	ng/ul#	90
11) 2-Methylphenol	8.68	108	104888	18.88	ng/ul	84
14) Acetophenone	9.03	105	362688	38.79	ng/ul#	51
16) 4-Methylphenol	9.02	108	485819	78.59	ng/ul	88
17) Hexachloroethane	9.34	117	98949	43.21	ng/ul#	1
24) 2,4-Dimethylphenol	10.23	107	360776	45.00	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.48	93	47077	5.73	ng/ul#	72
27) 2,4-Dichlorophenol	10.69	162	233901	36.24	ng/ul#	29
28) Naphthalene	11.12	128	2147010	117.97	ng/ul#	94
30) 4-Chloroaniline	11.21	127	13903	2.08	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.30	107	14850	1.87	ng/ul#	38
34) 2-Methylnaphthalene	12.72	142	2888350	201.11	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	712047	37.52	ng/ul	99
41) 2-Chloronaphthalene	13.79	162	20980	1.39	ng/ul#	15
42) 2-Nitroaniline	13.95	65	15603	2.64	ng/ul#	54
44) Dimethylphthalate	14.31	163	323397	15.29	ng/ul#	99
45) 2,6-Dinitrotoluene	14.47	165	8688	1.91	ng/ul#	1
47) Acenaphthylene	14.59	152	70955	3.09	ng/ul#	10
49) Acenaphthene	14.94	153	174694	11.12	ng/ul#	77
52) 4-Nitrophenol	15.08	109	8499	1.91	ng/ul#	1
53) Dibenzofuran	15.27	168	432474	17.41	ng/ul	97
54) 2,4-Dinitrotoluene	15.25	165	23339	3.41	ng/ul#	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.91	166	463791	22.93	ng/ul#	87
63) 4,6-Dinitro-2-methylphenol	15.99	198	6297	1.64	ng/ul#	1
64) N-Nitrosodiphenylamine	16.11	169	92605	6.02	ng/ul#	55
67) Atrazine	17.02	200	14911	2.04	ng/ul#	7
69) Phenanthrene	17.65	178	243739	8.54	ng/ul#	93
71) Anthracene	17.74	178	60276	2.05	ng/ul#	80
74) Fluoranthene	19.64	202	41951	1.24	ng/ul#	89
77) Pyrene	20.01	202	57382	1.61	ng/ul	98

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

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