Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121516\
Data File : BG025244.D
Acq On : 16 Dec 2016 12:21
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA861

Quant Time: Dec 16 13:55:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	80081	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	320323	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	242969	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.62	188	488763	20.00	ng/ul	0.02
75) Chrysene-d12	21.92	240	606632	20.00	ng/ul	0.03
83) Perylene-d12	25.37	264	540051	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5411	3.49	ng/uL	0.00
5) Phenol-d5	7.40	99	181176	26.22	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	115656	27.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	127852	26.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	151483	26.24	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	66370	29.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	77308	27.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	149706	27.53	ng/ul	0.02
29) 4-Chloroaniline-d4	11.21	131	56396	10.55	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	484781	29.01	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	564241	30.82	ng/ul	0.02
51) 4-Nitrophenol-d4	15.07	143	15200	5.29	ng/ul	0.01
57) Fluorene-d10	15.86	176	475339	30.22	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.00	200	87087	28.82	ng/ul	0.03
70) Anthracene-d10	17.72	188	690531	33.47	ng/ul	0.02
76) Pyrene-d10	19.99	212	824581	33.00	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.13	264	771034	35.24	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.43	94	38482	5.43	ng/ul	95
11) 2-Methylphenol	8.69	108	8386	1.61	ng/ul#	71
17) Hexachloroethane	9.35	117	4438	2.06	ng/ul#	1
24) 2,4-Dimethylphenol	10.24	107	58906	8.98	ng/ul#	45
28) Naphthalene	11.12	128	87694	5.89	ng/ul#	94
32) Caprolactam	12.03	113	15538	7.09	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.34	107	22645	3.48	ng/ul#	28
34) 2-Methylnaphthalene	12.71	142	234052	19.92	ng/ul	98
40) 1,1'-Biphenyl	13.70	154	56082	3.81	ng/ul#	82
41) 2-Chloronaphthalene	13.77	162	13124	1.12	ng/ul#	1
42) 2-Nitroaniline	13.97	65	5442	1.19	ng/ul#	39
44) Dimethylphthalate	14.31	163	224271	13.65	ng/ul#	92
45) 2,6-Dinitrotoluene	14.45	165	25879	7.33	ng/ul#	27
47) Acenaphthylene	14.59	152	86216	4.84	ng/ul#	1
48) 3-Nitroaniline	14.75	138	32367	10.59	ng/ul#	28
49) Acenaphthene	14.93	153	127511	10.46	ng/ul#	81
50) 2,4-Dinitrophenol	15.00	184	3458	1.51	ng/ul#	1
52) 4-Nitrophenol	15.08	109	30121	8.72	ng/ul#	44
53) Dibenzofuran	15.27	168	158793	8.23	ng/ul#	73
54) 2,4-Dinitrotoluene	15.25	165	45637	8.58	ng/ul#	51
56) Diethylphthalate	15.64	149	20499	1.18	ng/ul#	1
58) Fluorene	15.92	166	312514	19.91	ng/ul#	88
59) 4-Chlorophenyl-phenylether	15.93	204	15719	1.78	ng/ul#	1

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
64) N-Nitrosodiphenylamine	16.11	169	217033	17.26 ng/ul#	42
69) Phenanthrene	17.66	178	803116	34.43 ng/ul#	89
71) Anthracene	17.75	178	95114	3.97 ng/ul#	59
72) Carbazole	18.04	167	24037	1.20 ng/ul#	1
74) Fluoranthene	19.66	202	257993	9.31 ng/ul#	96
77) Pyrene	20.02	202	525600	18.02 ng/ul#	94
80) Benzo(a)anthracene	21.90	228	112386	3.57 ng/ul#	32
81) Bis(2-ethylhexyl)phthalate	21.73	149	100434	6.39 ng/ul#	61
82) Chrysene	21.97	228	126692	4.30 ng/ul#	40
85) Benzo(b)fluoranthene	24.27	252	111749	4.17 ng/ul#	53
88) Benzo(a)pyrene	25.21	252	81199	3.15 ng/ul#	58

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

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