Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
Data File : BG024944.D
Acq On : 30 Nov 2016 12:07
Operator : UM/SJ
Sample : SSTD04008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 30 12:50:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 30 12:45:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	89824	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	376440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	316133	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	736309	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	939079	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	970443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	27484	14.52	ng/uL	0.00
5) Phenol-d5	7.39	99	302946	36.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	188852	37.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	211536	36.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	257512	36.02	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	108597	36.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	136231	39.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	267440	38.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	274302	35.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	876592	37.71	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	968380	37.87	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	150949	36.91	ng/ul	0.00
57) Fluorene-d10	15.85	176	806474	37.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	183390	35.09	ng/ul	0.00
70) Anthracene-d10	17.71	188	1234282	36.85	ng/ul	0.00
76) Pyrene-d10	19.98	212	1533619	36.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1630484	37.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	34340	15.31	ng/uL	95
4) Benzaldehyde	7.38	77	233302	43.79	ng/ul	92
6) Phenol	7.42	94	313554	36.62	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	229940	37.80	ng/ul	93
10) 2-Chlorophenol	7.80	128	213777	37.49	ng/ul	93
11) 2-Methylphenol	8.68	108	231374	36.59	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.77	45	393923	37.92	ng/ul	98
14) Acetophenone	9.08	105	386149	37.22	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.06	70	226597	36.87	ng/ul#	89
16) 4-Methylphenol	9.01	108	253050	36.45	ng/ul	98
17) Hexachloroethane	9.34	117	98182	37.79	ng/ul	98
20) Nitrobenzene	9.47	77	337160	38.86	ng/ul	98
21) Isophorone	9.98	82	636187	38.66	ng/ul	98
23) 2-Nitrophenol	10.18	139	137429	37.50	ng/ul#	87
24) 2,4-Dimethylphenol	10.22	107	313449	36.99	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	322500	37.19	ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	262328	38.35	ng/ul	97
28) Naphthalene	11.12	128	707891	38.50	ng/ul	96
30) 4-Chloroaniline	11.23	127	277337	36.64	ng/ul	91
31) Hexachlorobutadiene	11.39	225	219693	40.41	ng/ul	91
32) Caprolactam	11.99	113	64667	24.60	ng/ul	92
33) 4-Chloro-3-methylphenol	12.33	107	313113	36.77	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	560698	37.44	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	394719	39.52	ng/ul	95
37) Hexachlorocyclopentadiene	13.04	237	240071	39.14	ng/ul	99
38) 2,4,6-Trichlorophenol	13.30	196	245135	38.27	ng/ul	88
39) 2,4,5-Trichlorophenol	13.38	196	273854	37.72	ng/ul	100
40) 1,1'-Biphenyl	13.70	154	776971	38.22	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	622906	38.82	ng/ul	98
42) 2-Nitroaniline	13.96	65	255812	39.13	ng/ul	98
44) Dimethylphthalate	14.31	163	854318	37.54	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	188046	37.88	ng/ul	94
47) Acenaphthylene	14.60	152	926899	37.46	ng/ul	99
48) 3-Nitroaniline	14.77	138	165711	37.47	ng/ul#	90
49) Acenaphthene	14.93	153	653231	38.40	ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	126903	37.29	ng/ul	86
52) 4-Nitrophenol	15.07	109	188226	39.46	ng/ul	96
53) Dibenzofuran	15.27	168	1002380	37.99	ng/ul	94
54) 2,4-Dinitrotoluene	15.22	165	284255	38.73	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.48	232	280656	38.08	ng/ul#	98
56) Diethylphthalate	15.66	149	893970	38.37	ng/ul	98
58) Fluorene	15.91	166	812102	37.51	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.89	204	463340	38.62	ng/ul	91
60) 4-Nitroaniline	15.94	138	189960	39.20	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.98	198	195810	37.08	ng/ul#	99
64) N-Nitrosodiphenylamine	16.11	169	761242	37.04	ng/ul	95
65) 4-Bromophenyl-phenylether	16.79	248	346235	37.94	ng/ul	94
66) Hexachlorobenzene	16.90	284	383911	37.45	ng/ul	98
67) Atrazine	17.04	200	366435	39.43	ng/ul	98
68) Pentachlorophenol	17.25	266	232461	39.01	ng/ul	96
69) Phenanthrene	17.65	178	1389642	36.69	ng/ul	98
71) Anthracene	17.74	178	1439948	36.94	ng/ul	99
72) Carbazole	18.01	167	1251358	38.84	ng/ul	95
73) Di-n-butylphthalate	18.53	149	1496755	37.32	ng/ul	99
74) Fluoranthene	19.64	202	1772024	40.56	ng/ul	99
77) Pyrene	20.01	202	1765894	36.28	ng/ul	99
78) Butylbenzylphthalate	20.86	149	719813	37.69	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.79	252	694236	39.25	ng/ul	94
80) Benzo(a)anthracene	21.88	228	1941026	37.62	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	1009025	37.60	ng/ul	99
82) Chrysene	21.95	228	1820897	37.42	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	1689988	38.87	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1982174	38.30	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	1859013	37.53	ng/ul	97
88) Benzo(a)pyrene	25.15	252	1876597	37.30	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.23	276	2387277	38.69	ng/ul	98
90) Dibenzo(a,h)anthracene	29.30	278	1973544	38.34	ng/ul	98
91) Benzo(g,h,i)perylene	30.47	276	1966217	38.71	ng/ul	97

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

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