Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
Data File : BG024947.D
Acq On : 30 Nov 2016 15:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 30 15:52:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 30 14:12:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	87770	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	366889	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	313959	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	636662	20.00	ng/ul	0.10
75) Chrysene-d12	21.90	240	952694	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	990845	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	84	0.05	ng/uL	-0.05
5) Phenol-d5	7.39	99	147931	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	89333	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	101810	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	119499	18.88	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52892	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	63586	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	129212	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	124557	20.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	447775	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	500899	21.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	75317	20.29	ng/ul	0.00
57) Fluorene-d10	15.85	176	418053	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	90935	23.10	ng/ul	0.00
70) Anthracene-d10	17.71	188	635903	23.66	ng/ul	0.00
76) Pyrene-d10	19.98	212	826688	21.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	832251	20.73	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	18048	8.15	ng/uL#	78
4) Benzaldehyde	7.39	77	112920	19.81	ng/ul	90
6) Phenol	7.41	94	146717	18.88	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.66	93	112147	19.72	ng/ul	92
10) 2-Chlorophenol	7.80	128	102360	19.23	ng/ul	89
11) 2-Methylphenol	8.68	108	112348	19.63	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.77	45	190408	19.69	ng/ul	99
14) Acetophenone	9.07	105	186725	19.39	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.05	70	108784	19.56	ng/ul#	91
16) 4-Methylphenol	9.01	108	120359	18.91	ng/ul	98
17) Hexachloroethane	9.34	117	46661	19.79	ng/ul	97
20) Nitrobenzene	9.47	77	159083	19.93	ng/ul	95
21) Isophorone	9.98	82	304337	20.14	ng/ul	97
23) 2-Nitrophenol	10.18	139	61363	18.68	ng/ul	100
24) 2,4-Dimethylphenol	10.22	107	155402	20.68	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	155908	20.25	ng/ul	96
27) 2,4-Dichlorophenol	10.71	162	125111	20.69	ng/ul	97
28) Naphthalene	11.13	128	347847	20.40	ng/ul#	96
30) 4-Chloroaniline	11.23	127	129724	20.73	ng/ul#	88
31) Hexachlorobutadiene	11.39	225	103272	19.86	ng/ul#	88
32) Caprolactam	11.99	113	49316	19.64	ng/ul	93
33) 4-Chloro-3-methylphenol	12.33	107	149458	20.05	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	273786	20.34	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	197478	20.87 ng/ul#	97
37) Hexachlorocyclopentadiene	13.04	237	108457	19.52 ng/ul	98
38) 2,4,6-Trichlorophenol	13.31	196	120603	20.29 ng/ul	99
39) 2,4,5-Trichlorophenol	13.38	196	131401	20.17 ng/ul	91
40) 1,1'-Biphenyl	13.70	154	390698	20.53 ng/ul	95
41) 2-Chloronaphthalene	13.75	162	309708	20.44 ng/ul	96
42) 2-Nitroaniline	13.95	65	123550	20.83 ng/ul	97
44) Dimethylphthalate	14.31	163	444625	20.95 ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	93715	20.55 ng/ul#	88
47) Acenaphthylene	14.59	152	471494	20.50 ng/ul	99
48) 3-Nitroaniline	14.77	138	79758	20.19 ng/ul#	82
49) Acenaphthene	14.93	153	330778	21.00 ng/ul	96
50) 2,4-Dinitrophenol	14.98	184	55806	18.83 ng/ul	87
52) 4-Nitrophenol	15.06	109	91645	20.53 ng/ul	95
53) Dibenzofuran	15.26	168	513503	20.61 ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	139159	20.25 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.48	232	140132	20.36 ng/ul	95
56) Diethylphthalate	15.66	149	463238	20.61 ng/ul	98
58) Fluorene	15.91	166	411015	20.26 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	228272	19.98 ng/ul	87
60) 4-Nitroaniline	15.93	138	92550	19.43 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.07	198	729	0.18 ng/ul#	48
64) N-Nitrosodiphenylamine	16.11	169	385583	23.54 ng/ul	95
65) 4-Bromophenyl-phenylether	16.79	248	171683	23.87 ng/ul	97
66) Hexachlorobenzene	16.91	284	195341	24.13 ng/ul	96
67) Atrazine	17.04	200	181092	23.26 ng/ul	98
68) Pentachlorophenol	17.36	266	1061	0.22 ng/ul#	67
69) Phenanthrene	17.74	178	735293	24.20 ng/ul	96
71) Anthracene	17.74	178	734592	23.51 ng/ul	97
72) Carbazole	18.01	167	650788	24.97 ng/ul	99
73) Di-n-butylphthalate	18.54	149	791922	24.06 ng/ul	98
74) Fluoranthene	19.65	202	946803	26.22 ng/ul	97
77) Pyrene	20.01	202	946106	20.66 ng/ul	100
78) Butylbenzylphthalate	20.86	149	363085	20.25 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.79	252	349140	21.02 ng/ul	91
80) Benzo(a)anthracene	21.88	228	1011888	20.44 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.74	149	510653	20.69 ng/ul	99
82) Chrysene	21.95	228	964460	20.83 ng/ul	98
84) Di-n-octyl phthalate	23.00	149	862046	21.43 ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1015092	20.66 ng/ul	100
86) Benzo(k)fluoranthene	24.29	252	964110	20.64 ng/ul	99
88) Benzo(a)pyrene	25.15	252	964490	20.42 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	1190361	20.27 ng/ul	99
90) Dibenzo(a,h)anthracene	29.31	278	1005823	20.33 ng/ul	95
91) Benzo(g,h,i)perylene	30.47	276	984810	20.10 ng/ul	96

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

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