Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\SOM01.2\
Data File : BG016061.D
Acq On : 17 Mar 2015 15:33
Operator : TP/IZ
Sample : SSTD02023
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Mar 21 00:33:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 00:15:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	63964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	283045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	173785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	376484	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	422378	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	390020	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12445	7.91	ng/uL	0.00
5) Phenol-d5	6.97	99	115454	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	62648	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	87303	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	86818	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	44955	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	43437	18.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	81861	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	126868	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	230112	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	323276	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	54330	19.07	ng/ul	0.00
57) Fluorene-d10	15.42	176	229862	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	36123	17.43	ng/ul	0.00
70) Anthracene-d10	17.27	188	350827	20.37	ng/ul	0.00
76) Pyrene-d10	19.56	212	387088	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	348270	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14909	8.27	ng/uL	100
4) Benzaldehyde	6.95	77	69937	29.44	ng/ul	100
6) Phenol	7.00	94	126917	19.31	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.23	93	100048	19.62	ng/ul	100
10) 2-Chlorophenol	7.37	128	94623	19.90	ng/ul	100
11) 2-Methylphenol	8.24	108	92711	19.31	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	108705	16.03	ng/ul	100
14) Acetophenone	8.62	105	139038	19.61	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	75014	17.99	ng/ul	100
16) 4-Methylphenol	8.56	108	103428	19.35	ng/ul	100
17) Hexachloroethane	8.88	117	36388	19.68	ng/ul	100
20) Nitrobenzene	9.00	77	102955	19.27	ng/ul	100
21) Isophorone	9.52	82	205610	18.95	ng/ul	100
23) 2-Nitrophenol	9.71	139	50725	19.75	ng/ul	100
24) 2,4-Dimethylphenol	9.77	107	101767	19.60	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.00	93	127003	19.82	ng/ul	100
27) 2,4-Dichlorophenol	10.24	162	84814	20.50	ng/ul	100
28) Naphthalene	10.64	128	314417	21.22	ng/ul	100
30) 4-Chloroaniline	10.75	127	132131	24.85	ng/ul	100
31) Hexachlorobutadiene	10.93	225	45416	20.77	ng/ul	100
32) Caprolactam	11.50	113	40729	19.14	ng/ul	100
33) 4-Chloro-3-methylphenol	11.87	107	91415	18.70	ng/ul	100
34) 2-Methylnaphthalene	12.25	142	220080	20.80	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	93005	20.63	ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	49889	18.27	ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	58152	19.64	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	65211	19.89	ng/ul	100
40) 1,1'-Biphenyl	13.26	154	276906	20.96	ng/ul	100
41) 2-Chloronaphthalene	13.30	162	206804	21.05	ng/ul	100
42) 2-Nitroaniline	13.51	65	57165	17.96	ng/ul	100
44) Dimethylphthalate	13.89	163	265526	20.98	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	53371	19.80	ng/ul	100
47) Acenaphthylene	14.15	152	365900	21.27	ng/ul	100
48) 3-Nitroaniline	14.33	138	67421	21.63	ng/ul	100
49) Acenaphthene	14.50	153	238416	20.94	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	20247	15.71	ng/ul	100
52) 4-Nitrophenol	14.63	109	29419	18.58	ng/ul	100
53) Dibenzofuran	14.83	168	326625	21.33	ng/ul	100
54) 2,4-Dinitrotoluene	14.79	165	79484	20.92	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	57312	20.04	ng/ul	100
56) Diethylphthalate	15.26	149	274375	21.02	ng/ul	100
58) Fluorene	15.48	166	284831	21.30	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	127472	20.69	ng/ul	100
60) 4-Nitroaniline	15.50	138	76065	20.57	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.55	198	42450	18.32	ng/ul	100
64) N-Nitrosodiphenylamine	15.68	169	245449	20.82	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	78628	20.07	ng/ul	100
66) Hexachlorobenzene	16.48	284	89695	20.34	ng/ul	100
67) Atrazine	16.64	200	83790	20.69	ng/ul	100
68) Pentachlorophenol	16.82	266	46745	18.73	ng/ul	100
69) Phenanthrene	17.21	178	439415	21.46	ng/ul	100
71) Anthracene	17.31	178	452049	21.43	ng/ul	100
72) Carbazole	17.58	167	434709	21.32	ng/ul	100
73) Di-n-butylphthalate	18.14	149	505783	21.27	ng/ul	100
74) Fluoranthene	19.23	202	507619	21.90	ng/ul	100
77) Pyrene	19.59	202	544804	21.90	ng/ul	100
78) Butylbenzylphthalate	20.49	149	218604	19.84	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.26	252	157781	19.86	ng/ul	100
80) Benzo(a)anthracene	21.33	228	499373	21.40	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	298522	20.35	ng/ul	100
82) Chrysene	21.38	228	475658	21.75	ng/ul	100
84) Di-n-octyl phthalate	22.15	149	485163	20.89	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	466301	21.14	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	467461	21.96	ng/ul	100
88) Benzo(a)pyrene	23.54	252	464151	21.67	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	529252	20.71	ng/ul	100
90) Dibenzo(a,h)anthracene	26.01	278	444645	20.71	ng/ul	100
91) Benzo(g,h,i)perylene	26.72	276	439860	20.62	ng/ul	100

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

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