Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121216\
Data File : BG025143.D
Acq On : 13 Dec 2016 9:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Dec 13 10:48:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	139820	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	551632	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	415048	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	837643	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	906014	20.00	ng/ul	0.01
83) Perylene-d12	25.35	264	852010	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	16225	5.99	ng/uL	0.00
5) Phenol-d5	7.40	99	230277	19.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	146413	19.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	166800	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	189177	18.77	ng/ul	0.01
19) Nitrobenzene-d5	9.43	128	86217	22.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	103140	21.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	195260	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	203189	22.08	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	533506	18.69	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	649435	20.77	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	83776	17.07	ng/ul	0.02
57) Fluorene-d10	15.86	176	518587	19.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	77150	14.90	ng/ul	0.02
70) Anthracene-d10	17.71	188	732181	20.71	ng/ul	0.01
76) Pyrene-d10	19.99	212	761669	20.41	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.12	264	739710	21.43	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	19617	5.56	ng/uL	93
4) Benzaldehyde	7.38	77	185013	20.37	ng/ul	98
6) Phenol	7.43	94	241793	19.53	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.65	93	174361	19.25	ng/ul	90
10) 2-Chlorophenol	7.81	128	165510	19.52	ng/ul#	86
11) 2-Methylphenol	8.69	108	174798	19.17	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.77	45	330689	21.46	ng/ul	96
14) Acetophenone	9.08	105	285723	18.62	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.05	70	162732	18.37	ng/ul	92
16) 4-Methylphenol	9.02	108	182799	18.02	ng/ul	99
17) Hexachloroethane	9.34	117	72820	19.38	ng/ul#	79
20) Nitrobenzene	9.47	77	265175	22.09	ng/ul	99
21) Isophorone	9.99	82	445878	19.63	ng/ul	97
23) 2-Nitrophenol	10.19	139	108714	22.01	ng/ul	89
24) 2,4-Dimethylphenol	10.23	107	235844	20.88	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.46	93	241696	20.88	ng/ul	96
27) 2,4-Dichlorophenol	10.72	162	192353	21.15	ng/ul	96
28) Naphthalene	11.13	128	503326	19.63	ng/ul	96
30) 4-Chloroaniline	11.24	127	211131	22.44	ng/ul	98
31) Hexachlorobutadiene	11.39	225	166227	21.26	ng/ul	91
32) Caprolactam	12.01	113	61420	16.27	ng/ul	94
33) 4-Chloro-3-methylphenol	12.35	107	219106	19.55	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	421981	20.85	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.07	216	283680	22.68 ng/ul	95
37) Hexachlorocyclopentadiene	13.04	237	77779	10.59 ng/ul#	93
38) 2,4,6-Trichlorophenol	13.32	196	174451	22.20 ng/ul	87
39) 2,4,5-Trichlorophenol	13.40	196	183813	21.34 ng/ul	88
40) 1,1'-Biphenyl	13.70	154	552107	21.94 ng/ul	99
41) 2-Chloronaphthalene	13.76	162	436643	21.80 ng/ul	98
42) 2-Nitroaniline	13.96	65	170685	21.77 ng/ul	97
44) Dimethylphthalate	14.31	163	529463	18.87 ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	116239	19.28 ng/ul#	92
47) Acenaphthylene	14.60	152	611743	20.12 ng/ul	98
48) 3-Nitroaniline	14.78	138	110672	21.20 ng/ul#	90
49) Acenaphthene	14.93	153	433590	20.82 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	46424	11.85 ng/ul	86
52) 4-Nitrophenol	15.09	109	108077	18.31 ng/ul	91
53) Dibenzofuran	15.26	168	652317	19.80 ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	163535	18.00 ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.49	232	172972	19.01 ng/ul	94
56) Diethylphthalate	15.66	149	537558	18.09 ng/ul	99
58) Fluorene	15.92	166	515212	19.21 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	291524	19.31 ng/ul	89
60) 4-Nitroaniline	15.94	138	107609	17.09 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.00	198	82154	15.31 ng/ul#	92
64) N-Nitrosodiphenylamine	16.11	169	471328	21.87 ng/ul	97
65) 4-Bromophenyl-phenylether	16.79	248	203821	21.54 ng/ul	93
66) Hexachlorobenzene	16.91	284	228070	21.41 ng/ul	98
67) Atrazine	17.05	200	208695	20.37 ng/ul	96
68) Pentachlorophenol	17.27	266	122790	19.19 ng/ul	96
69) Phenanthrene	17.66	178	840726	21.03 ng/ul	98
71) Anthracene	17.75	178	843426	20.52 ng/ul	98
72) Carbazole	18.02	167	688458	20.08 ng/ul	95
73) Di-n-butylphthalate	18.54	149	817969	18.89 ng/ul	99
74) Fluoranthene	19.65	202	889932	18.73 ng/ul#	96
77) Pyrene	20.02	202	893134	20.51 ng/ul	96
78) Butylbenzylphthalate	20.86	149	355935	20.87 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.80	252	358667	22.71 ng/ul	93
80) Benzo(a)anthracene	21.89	228	960270	20.40 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	502967	21.43 ng/ul	99
82) Chrysene	21.96	228	891224	20.24 ng/ul	99
84) Di-n-octyl phthalate	23.01	149	929734	26.88 ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	927137	21.94 ng/ul	97
86) Benzo(k)fluoranthene	24.32	252	921437	22.94 ng/ul	100
88) Benzo(a)pyrene	25.19	252	865411	21.30 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.31	276	674043	13.35 ng/ul	98
90) Dibenzo(a,h)anthracene	29.36	278	628654	14.78 ng/ul	96
91) Benzo(g,h,i)perylene	30.54	276	474965	11.27 ng/ul	95

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

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