Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016201.D
Acq On : 31 Mar 2015 14:51
Operator : TP/IZ
Sample : SSTD08042
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08042

Quant Time: Apr 01 02:39:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:44:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	72745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	330153	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	195674	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	402072	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	394596	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	375304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	49823	28.35	ng/uL	0.00
5) Phenol-d5	6.94	99	534749	81.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	300916	81.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	419800	82.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	423940	85.04	ng/ul	0.01
19) Nitrobenzene-d5	8.93	128	216151	81.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	244050	92.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	404491	86.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	456727	71.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	985460	77.17	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1369370	77.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	266483	85.94	ng/ul	0.02
57) Fluorene-d10	15.39	176	967322	76.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	230537	99.17	ng/ul	0.01
70) Anthracene-d10	17.24	188	1384726	75.45	ng/ul	0.00
76) Pyrene-d10	19.53	212	1416448	80.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	1330150	80.94	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	57160	26.58	ng/uL	96
4) Benzaldehyde	6.91	77	219986	57.42	ng/ul	96
6) Phenol	6.97	94	573798	79.62	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	430945	76.10	ng/ul	99
10) 2-Chlorophenol	7.34	128	436434	80.71	ng/ul	99
11) 2-Methylphenol	8.21	108	435939	83.04	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	628608	94.33	ng/ul	98
14) Acetophenone	8.59	105	612804	78.75	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	368176	85.47	ng/ul	98
16) 4-Methylphenol	8.55	108	473117	81.16	ng/ul	98
17) Hexachloroethane	8.84	117	173543	81.75	ng/ul	99
20) Nitrobenzene	8.97	77	506265	83.50	ng/ul	98
21) Isophorone	9.49	82	967849	81.36	ng/ul	98
23) 2-Nitrophenol	9.67	139	259749	86.24	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	490805	83.44	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	561204	77.03	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	398571	82.55	ng/ul	98
28) Naphthalene	10.61	128	1325047	74.64	ng/ul	98
30) 4-Chloroaniline	10.71	127	467346	70.92	ng/ul	98
31) Hexachlorobutadiene	10.89	225	210064	79.70	ng/ul	99
32) Caprolactam	11.50	113	190705m	83.92	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	455914	86.05	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	961254	76.39	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	411404	78.76 ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	263701	90.51 ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	294698	87.98 ng/ul	98
39) 2,4,5-Trichlorophenol	12.91	196	316042	87.30 ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1182666	77.01 ng/ul	95
41) 2-Chloronaphthalene	13.28	162	893958	77.01 ng/ul	98
42) 2-Nitroaniline	13.48	65	322154	94.13 ng/ul	97
44) Dimethylphthalate	13.86	163	1091921	75.88 ng/ul#	97
45) 2,6-Dinitrotoluene	13.99	165	265859	86.87 ng/ul	98
47) Acenaphthylene	14.12	152	1487685	75.00 ng/ul	95
48) 3-Nitroaniline	14.31	138	287826	81.90 ng/ul	96
49) Acenaphthene	14.46	153	1036819	77.66 ng/ul	97
50) 2,4-Dinitrophenol	14.52	184	186670	120.27 ng/ul	97
52) 4-Nitrophenol	14.63	109	173413	97.45 ng/ul	92
53) Dibenzofuran	14.80	168	1307292	73.33 ng/ul	95
54) 2,4-Dinitrotoluene	14.77	165	382574	87.18 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	281565	89.16 ng/ul#	98
56) Diethylphthalate	15.23	149	1141044	77.28 ng/ul	96
58) Fluorene	15.45	166	1189623	76.23 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.44	204	540585	77.00 ng/ul	97
60) 4-Nitroaniline	15.48	138	339824	82.20 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	248995	96.06 ng/ul#	100
64) N-Nitrosodiphenylamine	15.66	169	1006438	78.70 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	336579	80.41 ng/ul	97
66) Hexachlorobenzene	16.45	284	375848	79.39 ng/ul	96
67) Atrazine	16.61	200	337945	76.39 ng/ul	98
68) Pentachlorophenol	16.79	266	254613	94.51 ng/ul	97
69) Phenanthrene	17.18	178	1659060	72.69 ng/ul	93
71) Anthracene	17.28	178	1669814m	72.12 ng/ul	
72) Carbazole	17.55	167	1608196	72.18 ng/ul	93
73) Di-n-butylphthalate	18.11	149	1868846	72.00 ng/ul#	94
74) Fluoranthene	19.20	202	1778998	69.50 ng/ul	94
77) Pyrene	19.56	202	1813979	75.15 ng/ul#	90
78) Butylbenzylphthalate	20.46	149	907900	88.14 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.23	252	600865	90.28 ng/ul	98
80) Benzo(a)anthracene	21.30	228	1655665	74.03 ng/ul	91
81) Bis(2-ethylhexyl)phthalate	21.23	149	1214592	87.35 ng/ul#	91
82) Chrysene	21.35	228	1536841	72.61 ng/ul	90
84) Di-n-octyl phthalate	22.11	149	1906755	83.68 ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	1735049	80.68 ng/ul	96
86) Benzo(k)fluoranthene	22.95	252	1621849	76.46 ng/ul	96
88) Benzo(a)pyrene	23.50	252	1646179	77.32 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.94	276	2038289	82.27 ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	1686061	81.47 ng/ul	97
91) Benzo(g,h,i)perylene	26.65	276	1639154	79.10 ng/ul	98

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

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