Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052915\
Data File : BG017360.D
Acq On : 29 May 2015 16:39
Operator : TP/IZ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16006

Quant Time: May 29 17:33:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 15:54:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	24804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	111316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	74381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	159390	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	170089	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	160840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	31945	61.17	ng/uL	0.00
5) Phenol-d5	6.85	99	356641	169.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	203317	162.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	302056	178.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	306891	170.92	ng/ul	0.02
19) Nitrobenzene-d5	8.82	128	149564	173.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	180183	175.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	312005	172.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	189318	91.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	857670	161.71	ng/ul	0.01
46) Acenaphthylene-d8	14.01	160	1103608	160.70	ng/ul	0.01
51) 4-Nitrophenol-d4	14.59	143	182487	179.87	ng/ul	0.03
57) Fluorene-d10	15.31	176	834315	163.24	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	208088	186.41	ng/ul	0.03
70) Anthracene-d10	17.16	188	1195375	160.08	ng/ul	0.00
76) Pyrene-d10	19.47	212	1252966	152.14	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.36	264	1234259	171.87	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	33892	57.20	ng/uL#	1
4) Benzaldehyde	6.78	77	59331	51.90	ng/ul	91
6) Phenol	6.88	94	381305	173.38	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.08	93	271257	163.42	ng/ul	93
10) 2-Chlorophenol	7.22	128	294567	174.64	ng/ul	98
11) 2-Methylphenol	8.12	108	300905	169.30	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.19	45	458581	162.09	ng/ul	98
14) Acetophenone	8.48	105	471817	165.90	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.50	70	271323	167.26	ng/ul	97
16) 4-Methylphenol	8.47	108	332279	171.99	ng/ul	92
17) Hexachloroethane	8.72	117	127224	163.81	ng/ul	90
20) Nitrobenzene	8.86	77	395689	171.39	ng/ul	91
21) Isophorone	9.39	82	728941	169.35	ng/ul	98
23) 2-Nitrophenol	9.57	139	181971	176.02	ng/ul	95
24) 2,4-Dimethylphenol	9.64	107	390324	173.49	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.87	93	373780	164.80	ng/ul	97
27) 2,4-Dichlorophenol	10.11	162	307695	176.44	ng/ul	97
28) Naphthalene	10.50	128	912763	161.62	ng/ul	99
30) 4-Chloroaniline	10.61	127	201209	96.87	ng/ul	97
31) Hexachlorobutadiene	10.77	225	201003	172.58	ng/ul	98
32) Caprolactam	11.44	113	82029	105.63	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	362652	172.53	ng/ul	94
34) 2-Methylnaphthalene	12.12	142	712027	167.30	ng/ul	97

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Instrument : BNA_G
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	376255	174.21 ng/ul	93
37) Hexachlorocyclopentadiene	12.46	237	237191	227.15 ng/ul	95
38) 2,4,6-Trichlorophenol	12.75	196	259735	181.65 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	276290	177.19 ng/ul	95
40) 1,1'-Biphenyl	13.14	154	906047	162.57 ng/ul	97
41) 2-Chloronaphthalene	13.18	162	725582	162.50 ng/ul	97
42) 2-Nitroaniline	13.41	65	276886	167.98 ng/ul	96
44) Dimethylphthalate	13.79	163	943874	160.31 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	218694	167.77 ng/ul	96
47) Acenaphthylene	14.04	152	1152925	156.25 ng/ul	97
48) 3-Nitroaniline	14.24	138	196088	148.19 ng/ul	96
49) Acenaphthene	14.38	153	777782	163.03 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	145964	220.17 ng/ul	90
52) 4-Nitrophenol	14.60	109	205141	177.37 ng/ul	97
53) Dibenzofuran	14.71	168	1072474	158.48 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	318146	168.25 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.96	232	251043	183.97 ng/ul	95
56) Diethylphthalate	15.15	149	989589	157.81 ng/ul	99
58) Fluorene	15.37	166	963210	164.18 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	527743	170.34 ng/ul	95
60) 4-Nitroaniline	15.43	138	216402	155.99 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.47	198	208044	182.70 ng/ul#	97
64) N-Nitrosodiphenylamine	15.58	169	799948	170.22 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	313989	175.07 ng/ul	94
66) Hexachlorobenzene	16.37	284	339075	178.38 ng/ul	96
67) Atrazine	16.55	200	246149	131.53 ng/ul	96
68) Pentachlorophenol	16.72	266	200520	215.39 ng/ul	92
69) Phenanthrene	17.11	178	1331299	157.12 ng/ul	96
71) Anthracene	17.21	178	1368496	156.74 ng/ul	94
72) Carbazole	17.48	167	1202827	153.22 ng/ul#	94
73) Di-n-butylphthalate	18.03	149	1529928	141.93 ng/ul#	94
74) Fluoranthene	19.13	202	1519798	148.10 ng/ul	96
77) Pyrene	19.50	202	1552109	145.75 ng/ul	96
78) Butylbenzylphthalate	20.40	149	752930	157.44 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.18	252	605154	165.33 ng/ul	99
80) Benzo(a)anthracene	21.24	228	1546177	152.92 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.17	149	1094370	159.05 ng/ul	95
82) Chrysene	21.24	228	1546177	165.06 ng/ul	94
84) Di-n-octyl phthalate	22.04	149	1659300	152.67 ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1598305	164.91 ng/ul#	93
86) Benzo(k)fluoranthene	22.88	252	1568151	172.32 ng/ul	93
88) Benzo(a)pyrene	23.42	252	1558755	170.15 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.82	276	1850180	179.25 ng/ul#	91
90) Dibenzo(a,h)anthracene	25.82	278	1602275	182.26 ng/ul	98
91) Benzo(g,h,i)perylene	26.51	276	1459330	169.22 ng/ul	98

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

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