Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061915\
Data File : BG017727.D
Acq On : 19 Jun 2015 13:10
Operator : TP/IZ
Sample : SSTD01015
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01015

Quant Time: Jun 19 14:44:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG061915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 19 14:26:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	57788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	261868	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	161815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	346953	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	360668	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	342522	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	4871	4.02	ng/uL	0.00
5) Phenol-d5	6.79	99	46949	10.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	27100	10.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	39572	11.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	38485	10.80	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	19803	10.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	20248	10.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	36449	8.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	54133	12.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	109796	9.15	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	146296	9.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	21024	9.50	ng/ul	0.00
57) Fluorene-d10	15.26	176	107664	9.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	14313	6.75	ng/ul	0.00
70) Anthracene-d10	17.12	188	157584	9.75	ng/ul	0.00
78) Pyrene-d10	19.42	212	181224	11.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	150548	9.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	5740	4.15	ng/uL#	90
4) Benzaldehyde	6.76	77	34631	11.93	ng/ul	92
6) Phenol	6.81	94	52139	11.38	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.05	93	37958	11.03	ng/ul	93
10) 2-Chlorophenol	7.18	128	40462	11.14	ng/ul	97
11) 2-Methylphenol	8.06	108	38047	11.22	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.15	45	60960	14.47	ng/ul	98
14) Acetophenone	8.43	105	61284	10.84	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.42	70	35372	12.80	ng/ul#	90
16) 4-Methylphenol	8.38	108	42154	11.44	ng/ul	95
17) Hexachloroethane	8.69	117	17988	12.33	ng/ul#	69
20) Nitrobenzene	8.80	77	49113	10.01	ng/ul	99
21) Isophorone	9.33	82	92265	11.25	ng/ul	98
23) 2-Nitrophenol	9.51	139	21544	9.92	ng/ul	91
24) 2,4-Dimethylphenol	9.58	107	45762	9.12	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.82	93	49228	9.62	ng/ul#	97
27) 2,4-Dichlorophenol	10.04	162	35697	8.67	ng/ul	91
28) Naphthalene	10.44	128	137597	10.41	ng/ul	100
30) 4-Chloroaniline	10.55	127	53757	12.27	ng/ul	93
31) Hexachlorobutadiene	10.74	225	21949	6.96	ng/ul	94
32) Caprolactam	11.31	113	16218	13.19	ng/ul	80
33) 4-Chloro-3-methylphenol	11.69	107	42704	9.75	ng/ul	87
34) 2-Methylnaphthalene	12.06	142	95758	10.01	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	41206	6.81	ng/ul#	95
37) Hexachlorocyclopentadiene	12.42	237	24578	6.72	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.68	196	25988	7.39	ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	29469	7.65	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	123577	9.36	ng/ul#	98
41) 2-Chloronaphthalene	13.13	162	91176	8.81	ng/ul	97
42) 2-Nitroaniline	13.34	65	28431	10.36	ng/ul	94
44) Dimethylphthalate	13.73	163	123192	9.39	ng/ul#	98
45) 2,6-Dinitrotoluene	13.85	165	22425	9.10	ng/ul	93
47) Acenaphthylene	13.99	152	157094	9.80	ng/ul	99
48) 3-Nitroaniline	14.17	138	24153	10.48	ng/ul	96
49) Acenaphthene	14.33	153	104113	9.71	ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	8001	5.23	ng/ul#	86
52) 4-Nitrophenol	14.49	109	16529	7.23	ng/ul	91
53) Dibenzofuran	14.67	168	140842	9.18	ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	29862	8.21	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.90	232	22734	6.83	ng/ul#	98
56) Diethylphthalate	15.11	149	131145	10.52	ng/ul	96
58) Fluorene	15.32	166	124428	9.74	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	59651	8.66	ng/ul	92
60) 4-Nitroaniline	15.34	138	27999	10.71	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.40	198	14648	6.49	ng/ul#	91
64) N-Nitrosodiphenylamine	15.54	169	106805	10.54	ng/ul	100
65) 4-Bromophenyl-phenylether	16.22	248	33819	8.74	ng/ul	92
66) Hexachlorobenzene	16.32	284	36187	8.32	ng/ul#	89
67) Atrazine	16.49	200	40833	10.00	ng/ul	95
68) Pentachlorophenol	16.67	266	15722	5.90	ng/ul	96
69) Phenanthrene	17.06	178	196562	10.45	ng/ul	99
71) Anthracene	17.15	178	201144	10.41	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	40220	7.37	ng/uL	96
73) Pentachlorobenzene	14.59	250	42091	8.19	ng/uL	95
74) Carbazole	17.42	167	188365	11.11	ng/ul	99
75) Di-n-butylphthalate	18.01	149	247229	13.66	ng/ul	99
76) Fluoranthene	19.09	202	220643	9.81	ng/ul#	84
79) Pyrene	19.45	202	244153	12.20	ng/ul#	84
80) Butylbenzylphthalate	20.37	149	107001	16.39	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.14	252	62521	9.76	ng/ul#	95
82) Benzo(a)anthracene	21.20	228	208397	9.89	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	153439	15.63	ng/ul#	95
84) Chrysene	21.25	228	198356	9.93	ng/ul	98
86) Di-n-octyl phthalate	22.04	149	250616	14.89	ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	199415	10.00	ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	187825	9.75	ng/ul#	95
90) Benzo(a)pyrene	23.35	252	188459	9.72	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.71	276	203761	8.86	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.73	278	174249	8.98	ng/ul#	88
93) Benzo(g,h,i)perylene	26.40	276	170660	8.82	ng/ul#	89

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

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