Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025430.D
Acq On : 4 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTD08032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08032

Quant Time: Jan 12 12:06:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	63324	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	261589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	215602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	1635057	20.00	ng/ul	0.11
77) Chrysene-d12	21.88	240	674019	20.00	ng/ul	0.00
85) Perylene-d12	25.28	264	711112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	37505	27.87	ng/uL	0.00
5) Phenol-d5	7.37	99	423411	87.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	271688	96.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	310380	84.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	357583	94.42	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	161750	85.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	192329	90.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	385202	99.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	378653	86.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	1170130	82.60	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	1319059	77.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	179794	84.37	ng/ul	0.00
57) Fluorene-d10	15.83	176	1073057	86.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	274583	28.75	ng/ul	0.00
70) Anthracene-d10	17.68	188	1635057	22.88	ng/ul	0.00
78) Pyrene-d10	19.96	212	2036999	77.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.05	264	2379306	79.60	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	40978	25.06	ng/uL#	50
4) Benzaldehyde	7.35	77	293645	90.38	ng/ul	85
6) Phenol	7.39	94	438333	86.95	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.62	93	312437	81.64	ng/ul#	80
10) 2-Chlorophenol	7.77	128	308613	82.92	ng/ul#	76
11) 2-Methylphenol	8.65	108	330160	89.25	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.73	45	582861	134.91	ng/ul#	87
14) Acetophenone	9.05	105	531966	86.60	ng/ul#	70
15) N-Nitroso-di-n-propylamine	9.02	70	330499	104.89	ng/ul#	79
16) 4-Methylphenol	8.99	108	354188	88.56	ng/ul	99
17) Hexachloroethane	9.29	117	148951	87.58	ng/ul#	75
20) Nitrobenzene	9.43	77	488622	98.97	ng/ul#	82
21) Isophorone	9.95	82	891509	101.81	ng/ul#	92
23) 2-Nitrophenol	10.14	139	200578	92.29	ng/ul#	60
24) 2,4-Dimethylphenol	10.20	107	449984	93.27	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.42	93	454392	89.39	ng/ul	98
27) 2,4-Dichlorophenol	10.68	162	356846	92.02	ng/ul	95
28) Naphthalene	11.08	128	1005714	80.93	ng/ul	96
30) 4-Chloroaniline	11.20	127	389041	87.62	ng/ul	99
31) Hexachlorobutadiene	11.34	225	325415	103.43	ng/ul	98
32) Caprolactam	11.99	113	70223	58.92	ng/ul#	23
33) 4-Chloro-3-methylphenol	12.32	107	416935	99.72	ng/ul	90
34) 2-Methylnaphthalene	12.68	142	763127	85.48	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	571216	84.55 ng/ul	95
37) Hexachlorocyclopentadiene	13.00	237	281879	108.41 ng/ul	99
38) 2,4,6-Trichlorophenol	13.28	196	342173	87.59 ng/ul	90
39) 2,4,5-Trichlorophenol	13.36	196	351274	84.62 ng/ul	99
40) 1,1'-Biphenyl	13.67	154	1074854	75.21 ng/ul	99
41) 2-Chloronaphthalene	13.72	162	859225	77.91 ng/ul	96
42) 2-Nitroaniline	13.94	65	357563	108.29 ng/ul#	67
44) Dimethylphthalate	14.28	163	1129879	81.45 ng/ul	98
45) 2,6-Dinitrotoluene	14.42	165	258391	94.92 ng/ul#	78
47) Acenaphthylene	14.56	152	1250293	72.73 ng/ul	95
48) 3-Nitroaniline	14.76	138	206175	77.23 ng/ul#	76
49) Acenaphthene	14.90	153	903925	76.45 ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	160673	103.62 ng/ul#	86
52) 4-Nitrophenol	15.08	109	251816	118.50 ng/ul#	74
53) Dibenzofuran	15.23	168	1338355	78.30 ng/ul	95
54) 2,4-Dinitrotoluene	15.21	165	377795	93.83 ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.46	232	371533	95.63 ng/ul#	87
56) Diethylphthalate	15.63	149	1172927	84.40 ng/ul	93
58) Fluorene	15.88	166	1084615	77.57 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.86	204	627675	83.79 ng/ul	95
60) 4-Nitroaniline	15.93	138	209658	86.12 ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.98	198	272509	27.68 ng/ul#	93
64) N-Nitrosodiphenylamine	16.08	169	1013445	22.56 ng/ul	97
65) 4-Bromophenyl-phenylether	16.88	248	8925	0.49 ng/ul#	24
66) Hexachlorobenzene	16.88	284	535097	26.29 ng/ul#	88
67) Atrazine	17.02	200	488950	26.81 ng/ul	91
68) Pentachlorophenol	17.23	266	267418	24.00 ng/ul	97
69) Phenanthrene	17.72	178	1871544	22.20 ng/ul	95
71) Anthracene	17.72	178	1870944	21.97 ng/ul	93
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	559544	22.86 ng/uL	97
73) Pentachlorobenzene	15.15	250	570414	23.07 ng/uL	98
74) Carbazole	17.99	167	1642153	22.02 ng/ul	94
75) Di-n-butylphthalate	18.50	149	1972117	23.05 ng/ul#	93
76) Fluoranthene	19.62	202	2314278	22.64 ng/ul#	93
79) Pyrene	19.99	202	2278576	67.93 ng/ul#	93
80) Butylbenzylphthalate	20.83	149	993768	80.20 ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.76	252	977714	84.90 ng/ul#	97
82) Benzo(a)anthracene	21.85	228	2627527	75.04 ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.70	149	1423860	78.37 ng/ul#	94
84) Chrysene	21.85	228	2627527	78.08 ng/ul	96
86) Di-n-octyl phthalate	22.95	149	2429654	69.96 ng/ul#	84
87) Benzo(b)fluoranthene	24.19	252	2859558	75.26 ng/ul#	93
88) Benzo(k)fluoranthene	24.26	252	2675316	72.57 ng/ul#	91
90) Benzo(a)pyrene	25.13	252	2729288	74.18 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	29.24	276	3570091	79.13 ng/ul#	80
92) Dibenzo(a,h)anthracene	29.28	278	2970855	78.27 ng/ul#	88
93) Benzo(g,h,i)perylene	30.47	276	2958931	78.74 ng/ul#	84

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

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