Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025431.D
Acq On : 4 Jan 2017 13:39
Operator : UM/SJ
Sample : SSTD16033
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16033

Quant Time: Jan 12 12:06:34 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	69568	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	284251	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.84	164	222345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	3011266	20.00	ng/ul	0.11
77) Chrysene-d12	21.88	240	702998	20.00	ng/ul	0.00
85) Perylene-d12	25.29	264	728404	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	77551	52.46	ng/uL	0.00
5) Phenol-d5	7.37	99	894311	168.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	564556	181.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	656202	163.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	739298	177.68	ng/ul	0.01
19) Nitrobenzene-d5	9.39	128	339623	165.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	388011	168.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	783390	185.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	645722	135.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	2254416	154.32	ng/ul	0.00
46) Acenaphthylene-d8	14.54	160	2552837	146.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	381659	173.68	ng/ul	0.01
57) Fluorene-d10	15.83	176	2155607	169.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	560625	31.88	ng/ul	0.01
70) Anthracene-d10	17.69	188	3009200	22.86	ng/ul	0.01
78) Pyrene-d10	19.96	212	3579307	130.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.07	264	4627677	151.15	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	91000	50.65	ng/uL#	61
4) Benzaldehyde	7.35	77	350248	98.12	ng/ul#	82
6) Phenol	7.40	94	922751	166.61	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.62	93	669748	159.29	ng/ul#	79
10) 2-Chlorophenol	7.77	128	639943	156.51	ng/ul#	75
11) 2-Methylphenol	8.66	108	685267	168.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.73	45	1166908	245.85	ng/ul#	86
14) Acetophenone	9.05	105	1109450	164.40	ng/ul#	72
15) N-Nitroso-di-n-propylamine	9.04	70	663183	191.59	ng/ul#	74
16) 4-Methylphenol	9.00	108	739519	168.31	ng/ul	99
17) Hexachloroethane	9.29	117	313946	168.02	ng/ul#	75
20) Nitrobenzene	9.44	77	998113	186.06	ng/ul#	82
21) Isophorone	9.96	82	1750660	183.98	ng/ul#	93
23) 2-Nitrophenol	10.15	139	411820	174.38	ng/ul#	55
24) 2,4-Dimethylphenol	10.20	107	912993	174.15	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.43	93	934504	169.19	ng/ul	97
27) 2,4-Dichlorophenol	10.69	162	757967	179.87	ng/ul	98
28) Naphthalene	11.09	128	1979855	146.62	ng/ul	96
30) 4-Chloroaniline	11.21	127	649023	134.52	ng/ul	99
31) Hexachlorobutadiene	11.35	225	669022	195.69	ng/ul	97
32) Caprolactam	12.02	113	154703	119.45	ng/ul#	30
33) 4-Chloro-3-methylphenol	12.33	107	846204	186.25	ng/ul	92
34) 2-Methylnaphthalene	12.68	142	1556978	160.49	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.04	216	1153840	165.61 ng/ul	98
37) Hexachlorocyclopentadiene	13.00	237	653734	243.79 ng/ul	98
38) 2,4,6-Trichlorophenol	13.28	196	710916	176.46 ng/ul	97
39) 2,4,5-Trichlorophenol	13.37	196	759328	177.38 ng/ul	97
40) 1,1'-Biphenyl	13.67	154	2106602	142.94 ng/ul	94
41) 2-Chloronaphthalene	13.72	162	1688984	148.50 ng/ul	97
42) 2-Nitroaniline	13.94	65	727551	213.67 ng/ul#	67
44) Dimethylphthalate	14.28	163	2172897	151.90 ng/ul#	95
45) 2,6-Dinitrotoluene	14.43	165	525579	187.21 ng/ul#	78
47) Acenaphthylene	14.57	152	2415136	136.23 ng/ul#	89
48) 3-Nitroaniline	14.77	138	399910	145.25 ng/ul#	74
49) Acenaphthene	14.90	153	1786734	146.54 ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	367792	230.00 ng/ul#	76
52) 4-Nitrophenol	15.09	109	497684	227.09 ng/ul#	75
53) Dibenzofuran	15.23	168	2554743	144.94 ng/ul#	86
54) 2,4-Dinitrotoluene	15.22	165	769767	185.39 ng/ul#	45
55) 2,3,4,6-Tetrachlorophenol	15.46	232	785708	196.10 ng/ul#	89
56) Diethylphthalate	15.63	149	2257170	157.48 ng/ul#	90
58) Fluorene	15.89	166	2134420	148.03 ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.86	204	1258924	162.96 ng/ul	93
60) 4-Nitroaniline	15.95	138	423248	168.58 ng/ul#	46
63) 4,6-Dinitro-2-methylphenol	15.99	198	577714	31.87 ng/ul#	92
64) N-Nitrosodiphenylamine	16.09	169	1968384	23.79 ng/ul	95
65) 4-Bromophenyl-phenylether	16.76	248	960226	28.59 ng/ul	90
66) Hexachlorobenzene	16.89	284	1084809	28.94 ng/ul#	88
67) Atrazine	17.03	200	949755	28.27 ng/ul	94
68) Pentachlorophenol	17.24	266	589323	28.72 ng/ul	100
69) Phenanthrene	17.73	178	3313788	21.34 ng/ul#	85
71) Anthracene	17.73	178	3310784	21.11 ng/ul#	83
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	1138701	25.26 ng/uL	97
73) Pentachlorobenzene	15.15	250	1165762	25.60 ng/uL	99
74) Carbazole	18.00	167	2979124	21.69 ng/ul#	86
75) Di-n-butylphthalate	18.50	149	3344805	21.22 ng/ul#	87
76) Fluoranthene	19.62	202	3895230	20.69 ng/ul	99
79) Pyrene	19.99	202	3767500	107.69 ng/ul	99
80) Butylbenzylphthalate	20.83	149	1895032	146.63 ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.76	252	1668090	138.88 ng/ul#	97
82) Benzo(a)anthracene	21.86	228	4584791	125.55 ng/ul#	78
83) Bis(2-ethylhexyl)phthalate	21.70	149	2611531	137.81 ng/ul#	86
84) Chrysene	21.93	228	4350374	123.94 ng/ul#	76
86) Di-n-octyl phthalate	22.96	149	4245147	119.34 ng/ul#	76
87) Benzo(b)fluoranthene	24.21	252	5333188	137.04 ng/ul#	88
88) Benzo(k)fluoranthene	24.28	252	4885627	129.38 ng/ul#	86
90) Benzo(a)pyrene	25.15	252	5156178	136.82 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	29.24	276	2571107	55.63 ng/ul#	81
92) Dibenzo(a,h)anthracene	29.32	278	5755697	148.03 ng/ul#	87
93) Benzo(g,h,i)perylene	30.51	276	5835187	151.59 ng/ul#	84

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

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