Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072016\
Data File : BG023189.D
Acq On : 20 Jul 2016 15:11
Operator : UM/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08005

Quant Time: Jul 20 15:57:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:17:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	121895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	598998	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	448044	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	1034089	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1047462	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1039689	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	76059	34.87	ng/uL	0.00
5) Phenol-d5	7.30	99	1012085	78.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	647964	89.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	674105	78.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	787765	79.10	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	375219	78.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	449996	78.10	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.60	165	816053	67.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	857817	84.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	2420882	66.51	ng/ul	0.01
46) Acenaphthylene-d8	14.51	160	2796407	67.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	513455	89.84	ng/ul	0.02
57) Fluorene-d10	15.81	176	2252768	65.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	589851	88.69	ng/ul	0.01
70) Anthracene-d10	17.68	188	3077985	64.04	ng/ul	0.00
76) Pyrene-d10	19.97	212	3342804	66.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	3548711	71.84	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	83019	32.47	ng/uL#	80
4) Benzaldehyde	7.27	77	471726	57.87	ng/ul	83
6) Phenol	7.32	94	1059201	80.65	ng/ul#	57
8) Bis(2-Chloroethyl)ether	7.55	93	771476	85.91	ng/ul#	86
10) 2-Chlorophenol	7.70	128	685633	78.71	ng/ul#	80
11) 2-Methylphenol	8.59	108	792426	80.33	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.67	45	1032494	102.26	ng/ul	99
14) Acetophenone	8.98	105	1346498	83.71	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.97	70	877809	90.81	ng/ul#	79
16) 4-Methylphenol	8.93	108	865834	78.93	ng/ul	97
17) Hexachloroethane	9.24	117	313181	84.43	ng/ul#	81
20) Nitrobenzene	9.37	77	1161105	79.05	ng/ul#	82
21) Isophorone	9.89	82	2109370	80.51	ng/ul#	92
23) 2-Nitrophenol	10.08	139	469465	76.78	ng/ul#	48
24) 2,4-Dimethylphenol	10.14	107	1055062	72.09	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.37	93	1190771	77.02	ng/ul#	97
27) 2,4-Dichlorophenol	10.63	162	814008	67.22	ng/ul	93
28) Naphthalene	11.03	128	2166877	70.74	ng/ul	96
30) 4-Chloroaniline	11.14	127	874884	83.97	ng/ul	99
31) Hexachlorobutadiene	11.31	225	615104	65.94	ng/ul	95
32) Caprolactam	11.93	113	178102	44.08	ng/ul#	31
33) 4-Chloro-3-methylphenol	12.27	107	1043648	68.14	ng/ul	85
34) 2-Methylnaphthalene	12.64	142	1789345	70.61	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	1102639	65.84	ng/ul	99
37) Hexachlorocyclopentadiene	12.98	237	805803	79.68	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	781244	67.63	ng/ul	98
39) 2,4,5-Trichlorophenol	13.33	196	794598	65.37	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	2238113	65.69	ng/ul	93
41) 2-Chloronaphthalene	13.69	162	1879958	68.14	ng/ul#	88
42) 2-Nitroaniline	13.90	65	914403	85.69	ng/ul#	59
44) Dimethylphthalate	14.26	163	2404497	64.70	ng/ul#	93
45) 2,6-Dinitrotoluene	14.40	165	620344	77.10	ng/ul#	81
47) Acenaphthylene	14.54	152	2764729	65.83	ng/ul#	86
48) 3-Nitroaniline	14.72	138	516612	82.17	ng/ul#	50
49) Acenaphthene	14.88	153	2005719	70.29	ng/ul	90
50) 2,4-Dinitrophenol	14.93	184	443100	99.10	ng/ul#	60
52) 4-Nitrophenol	15.05	109	617272	84.93	ng/ul#	61
53) Dibenzofuran	15.22	168	2727970	61.88	ng/ul#	69
54) 2,4-Dinitrotoluene	15.18	165	896064	77.01	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.44	232	808027	65.30	ng/ul	92
56) Diethylphthalate	15.63	149	2525790	66.88	ng/ul#	85
58) Fluorene	15.87	166	2263621	63.91	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.85	204	1325577	62.48	ng/ul	90
60) 4-Nitroaniline	15.91	138	645528	85.47	ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	15.95	198	612010	86.83	ng/ul#	77
64) N-Nitrosodiphenylamine	16.08	169	2103487	69.08	ng/ul	96
65) 4-Bromophenyl-phenylether	16.76	248	899074	65.00	ng/ul	95
66) Hexachlorobenzene	16.88	284	936731	63.97	ng/ul#	91
67) Atrazine	17.03	200	967802	76.22	ng/ul	96
68) Pentachlorophenol	17.23	266	641258	76.17	ng/ul	90
69) Phenanthrene	17.62	178	3314005	62.65	ng/ul#	80
71) Anthracene	17.71	178	3280375	60.35	ng/ul#	79
72) Carbazole	17.99	167	3044446	75.69	ng/ul#	84
73) Di-n-butylphthalate	18.53	149	3357845	65.04	ng/ul#	76
74) Fluoranthene	19.63	202	3605659	65.44	ng/ul	95
77) Pyrene	20.00	202	3502822	59.74	ng/ul#	94
78) Butylbenzylphthalate	20.87	149	1945611	85.56	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.79	252	1539483	77.61	ng/ul#	92
80) Benzo(a)anthracene	21.88	228	3903807	63.54	ng/ul#	78
81) Bis(2-ethylhexyl)phthalate	21.76	149	2559697	87.23	ng/ul#	84
82) Chrysene	21.95	228	3550404	63.48	ng/ul#	77
84) Di-n-octyl phthalate	23.04	149	4084857	89.15	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	4400143	67.72	ng/ul#	88
86) Benzo(k)fluoranthene	24.30	252	3957010	64.84	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	29.23	276	5033639	77.13	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.31	278	4081757	75.65	ng/ul#	89
91) Benzo(g,h,i)perylene	30.48	276	4179914	81.70	ng/ul#	84

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

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