Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG091015\
Data File : BG018603.D
Acq On : 10 Sep 2015 14:50
Operator : UM/IZ
Sample : SSTD16090
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16090

Quant Time: Sep 10 15:24:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 10 15:03:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	69091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	304694	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	199741	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	481544	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	469033	20.00	ng/ul	0.01
86) Perylene-d12	24.85	264	498696	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	84006	146.14	ng/uL	0.00
5) Phenol-d5	7.18	99	926557	164.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.34	67	522915	158.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	705719	164.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	769276	168.98	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	377860	163.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	407403	175.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	786388	160.89	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	771543	130.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	2125133	132.20	ng/ul	0.01
47) Acenaphthylene-d8	14.34	160	2496446	131.06	ng/ul	0.01
52) 4-Nitrophenol-d4	14.86	143	493874	160.11	ng/ul	0.03
58) Fluorene-d10	15.63	176	1887294	134.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	426993	195.68	ng/ul	0.03
71) Anthracene-d10	17.49	188	2638087	124.44	ng/ul	0.01
79) Pyrene-d10	19.77	212	2779521	128.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	3575522	147.32	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	92331	148.53	ng/uL#	70
4) Benzaldehyde	7.15	77	360643	101.91	ng/ul	96
6) Phenol	7.21	94	949858	162.32	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.44	93	695318	158.30	ng/ul	96
10) 2-Chlorophenol	7.58	128	708076	159.19	ng/ul	94
11) 2-Methylphenol	8.45	108	749019	167.53	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	820260	157.09	ng/ul#	91
14) Acetophenone	8.84	105	1113319	158.50	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.85	70	576751	159.46	ng/ul	90
16) 4-Methylphenol	8.80	108	817216	165.92	ng/ul	95
17) Hexachloroethane	9.09	117	277473	156.49	ng/ul	89
20) Nitrobenzene	9.22	77	821400	153.46	ng/ul#	88
21) Isophorone	9.76	82	1638018	150.16	ng/ul	96
23) 2-Nitrophenol	9.93	139	433421	165.66	ng/ul#	87
24) 2,4-Dimethylphenol	9.99	107	842787	155.39	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	993526	154.56	ng/ul	94
27) 2,4-Dichlorophenol	10.47	162	755711	154.49	ng/ul	97
28) Naphthalene	10.87	128	2135735	137.73	ng/ul#	94
30) 4-Chloroaniline	10.97	127	781993	127.55	ng/ul	99
31) Hexachlorobutadiene	11.15	225	451789	149.68	ng/ul	95
32) Caprolactam	11.78	113	172699	84.95	ng/ul	94
33) 4-Chloro-3-methylphenol	12.11	107	831885	159.53	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	1623369	141.72	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	1575766	143.55 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	899457	145.27 ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	595846	176.63 ng/ul	93
39) 2,4,6-Trichlorophenol	13.08	196	646231	160.71 ng/ul	97
40) 2,4,5-Trichlorophenol	13.16	196	695461	160.63 ng/ul	97
41) 1,1'-Biphenyl	13.48	154	1965680	130.04 ng/ul#	90
42) 2-Chloronaphthalene	13.52	162	1604307	139.23 ng/ul#	91
43) 2-Nitroaniline	13.73	65	555792	162.71 ng/ul#	80
45) Dimethylphthalate	14.10	163	2012210	129.13 ng/ul#	91
46) 2,6-Dinitrotoluene	14.22	165	527451	168.29 ng/ul	90
48) Acenaphthylene	14.37	152	2427127	119.76 ng/ul#	81
49) 3-Nitroaniline	14.55	138	469955	137.25 ng/ul#	84
50) Acenaphthene	14.71	153	1859075	136.18 ng/ul	94
51) 2,4-Dinitrophenol	14.76	184	306840	239.26 ng/ul#	81
53) 4-Nitrophenol	14.87	109	337668	159.57 ng/ul	94
54) Dibenzofuran	15.04	168	2285332	119.33 ng/ul#	86
55) 2,4-Dinitrotoluene	15.01	165	726703	155.78 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.27	232	646019	154.48 ng/ul#	95
57) Diethylphthalate	15.46	149	2062198	127.34 ng/ul#	88
59) Fluorene	15.69	166	1951957	120.63 ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.68	204	1043909	135.36 ng/ul	96
61) 4-Nitroaniline	15.73	138	540473	137.28 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.78	198	427481	189.48 ng/ul#	92
65) N-Nitrosodiphenylamine	15.90	169	1779733	141.11 ng/ul	93
66) 4-Bromophenyl-phenylether	16.57	248	742791	157.44 ng/ul	94
67) Hexachlorobenzene	16.70	284	797366	152.44 ng/ul	95
68) Atrazine	16.85	200	824882	145.86 ng/ul	95
69) Pentachlorophenol	17.04	266	543962	183.65 ng/ul	94
70) Phenanthrene	17.43	178	2833171	115.73 ng/ul#	76
72) Anthracene	17.52	178	2698918	109.93 ng/ul#	73
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	929905	162.29 ng/uL	99
74) Pentachlorobenzene	14.96	250	909731	162.58 ng/uL	94
75) Carbazole	17.79	167	2742175	119.37 ng/ul#	80
76) Di-n-butylphthalate	18.34	149	2863419	103.96 ng/ul#	81
77) Fluoranthene	19.43	202	3023571	103.57 ng/ul#	81
80) Pyrene	19.80	202	2880143	104.43 ng/ul#	77
81) Butylbenzylphthalate	20.68	149	1608658	152.01 ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.54	252	1108944	128.00 ng/ul	97
83) Benzo(a)anthracene	21.63	228	3177813	122.20 ng/ul#	70
84) Bis(2-ethylhexyl)phthalate	21.53	149	2157639	137.54 ng/ul#	82
85) Chrysene	21.70	228	2989033	124.60 ng/ul#	77
87) Di-n-octyl phthalate	22.74	149	3431969	124.23 ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	3882699	137.68 ng/ul#	89
89) Benzo(k)fluoranthene	23.92	252	3444257	127.51 ng/ul#	86
91) Benzo(a)pyrene	24.73	252	3629604	135.42 ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	28.53	276	4871367	156.75 ng/ul	95
93) Dibenzo(a,h)anthracene	28.60	278	3719587	149.12 ng/ul#	92
94) Benzo(g,h,i)perylene	29.69	276	4016619	154.83 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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