Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070615\
Data File : BG017774.D
Acq On : 6 Jul 2015 14:44
Operator : TP/UM
Sample : SSTD16032
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16032

Quant Time: Jul 06 15:18:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 06 15:07:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	89243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	433214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	275886	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	583549	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	614772	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	582797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	128942	142.85	ng/uL	0.00
5) Phenol-d5	6.79	99	1302694	166.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	744699	157.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1065084	165.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	1073858	167.71	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	550227	169.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	607261	187.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	1040668	168.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	882075	95.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	2506103	137.24	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	3176155	129.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	717340	191.75	ng/ul	0.02
57) Fluorene-d10	15.26	176	2492567	133.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	651826	245.60	ng/ul	0.01
70) Anthracene-d10	17.12	188	3292745	123.81	ng/ul	0.00
78) Pyrene-d10	19.42	212	3335115	114.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	3672388	143.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	138598	149.80	ng/uL	97
4) Benzaldehyde	6.75	77	197387	38.72	ng/ul	96
6) Phenol	6.82	94	1344369	158.91	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.05	93	990704	157.78	ng/ul	99
10) 2-Chlorophenol	7.18	128	1035786	160.46	ng/ul	97
11) 2-Methylphenol	8.06	108	1042055	169.98	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1451625	150.37	ng/ul	96
14) Acetophenone	8.44	105	1507283	158.55	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	928561	162.56	ng/ul	94
16) 4-Methylphenol	8.41	108	1162673	167.81	ng/ul	96
17) Hexachloroethane	8.68	117	432733	156.87	ng/ul	98
20) Nitrobenzene	8.81	77	1273737	155.44	ng/ul	93
21) Isophorone	9.35	82	2374979	154.39	ng/ul#	90
23) 2-Nitrophenol	9.52	139	636387	179.26	ng/ul	94
24) 2,4-Dimethylphenol	9.58	107	1256486	156.73	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.82	93	1338981	153.62	ng/ul	94
27) 2,4-Dichlorophenol	10.05	162	1002714	162.08	ng/ul	96
28) Naphthalene	10.44	128	2865157	127.83	ng/ul#	88
30) 4-Chloroaniline	10.56	127	890750	97.92	ng/ul	97
31) Hexachlorobutadiene	10.73	225	557121	155.66	ng/ul	94
32) Caprolactam	11.38	113	310212	101.34	ng/ul	93
33) 4-Chloro-3-methylphenol	11.71	107	1193183	160.61	ng/ul	95
34) 2-Methylnaphthalene	12.06	142	2220836	139.61	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	1111128	154.04 ng/ul	91
37) Hexachlorocyclopentadiene	12.42	237	679951	178.42 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.69	196	776597	168.25 ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	853165	167.60 ng/ul	96
40) 1,1'-Biphenyl	13.10	154	2547583	124.70 ng/ul#	80
41) 2-Chloronaphthalene	13.13	162	2182646	138.98 ng/ul#	87
42) 2-Nitroaniline	13.36	65	905239	170.97 ng/ul	91
44) Dimethylphthalate	13.74	163	2610846	128.71 ng/ul#	88
45) 2,6-Dinitrotoluene	13.87	165	726343	179.29 ng/ul	96
47) Acenaphthylene	13.99	152	3033839	112.78 ng/ul#	73
48) 3-Nitroaniline	14.19	138	773469	157.11 ng/ul	99
49) Acenaphthene	14.33	153	2367034	130.57 ng/ul#	89
50) 2,4-Dinitrophenol	14.40	184	423022	293.26 ng/ul	97
52) 4-Nitrophenol	14.52	109	543382	181.22 ng/ul	94
53) Dibenzofuran	14.67	168	2947436	120.62 ng/ul#	72
54) 2,4-Dinitrotoluene	14.65	165	1046686	182.95 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.90	232	791238	191.66 ng/ul	95
56) Diethylphthalate	15.12	149	2865757	130.53 ng/ul#	79
58) Fluorene	15.32	166	2705112	124.61 ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.32	204	1565822	155.12 ng/ul#	94
60) 4-Nitroaniline	15.38	138	869038	155.63 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.42	198	666706	235.93 ng/ul#	95
64) N-Nitrosodiphenylamine	15.54	169	2414664	135.91 ng/ul#	84
65) 4-Bromophenyl-phenylether	16.22	248	979479	168.22 ng/ul	91
66) Hexachlorobenzene	16.32	284	1058949	173.05 ng/ul#	88
67) Atrazine	16.50	200	875801	137.29 ng/ul	96
68) Pentachlorophenol	16.67	266	645881	302.12 ng/ul	97
69) Phenanthrene	17.06	178	3451217	108.21 ng/ul#	68
71) Anthracene	17.16	178	3370368	102.74 ng/ul#	58
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	1090751	158.16 ng/uL	97
73) Pentachlorobenzene	14.59	250	1155138	164.53 ng/uL	99
74) Carbazole	17.43	167	3311836	112.74 ng/ul#	70
75) Di-n-butylphthalate	18.00	149	3521095	93.37 ng/ul#	70
76) Fluoranthene	19.08	202	3443254	103.08 ng/ul#	72
79) Pyrene	19.45	202	3405356	90.77 ng/ul#	61
80) Butylbenzylphthalate	20.36	149	2202751	128.12 ng/ul#	92
81) 3,3'-Dichlorobenzidine	21.14	252	1690701	151.07 ng/ul	88
82) Benzo(a)anthracene	21.20	228	3498821	103.29 ng/ul#	57
83) Bis(2-ethylhexyl)phthalate	21.15	149	2616123	108.89 ng/ul#	50
84) Chrysene	21.26	228	3190422	99.44 ng/ul#	57
86) Di-n-octyl phthalate	22.02	149	3658674	97.38 ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	4354207	130.71 ng/ul#	76
88) Benzo(k)fluoranthene	22.83	252	3417560	108.85 ng/ul#	69
90) Benzo(a)pyrene	23.36	252	3960823	125.11 ng/ul#	76
91) Indeno(1,2,3-cd)pyrene	25.73	276	5252954	151.97 ng/ul#	88
92) Dibenzo(a,h)anthracene	25.74	278	4238446	145.19 ng/ul#	83
93) Benzo(g,h,i)perylene	26.42	276	4346804	150.33 ng/ul	96

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

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