Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023757.D
Acq On : 18 Aug 2016 13:30
Operator : UM/SJ
Sample : SSTD08010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08010

Quant Time: Aug 18 14:10:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	107936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	480414	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	317704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	731451	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	757980	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	738679	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	75844	29.87	ng/uL	0.00
5) Phenol-d5	7.26	99	818003	75.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	541285	77.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	579748	78.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	641362	75.56	ng/ul	0.01
19) Nitrobenzene-d5	9.28	128	307533	81.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	366665	84.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	638947	77.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	777049	80.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1869290	71.86	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	2124697	72.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	351923	79.25	ng/ul	0.00
57) Fluorene-d10	15.77	176	1671129	69.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	400589	85.36	ng/ul	0.00
70) Anthracene-d10	17.64	188	2348875	71.28	ng/ul	0.00
76) Pyrene-d10	19.93	212	2563291	66.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	2595098	77.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	80226	30.12	ng/uL#	73
4) Benzaldehyde	7.23	77	525738	79.33	ng/ul	83
6) Phenol	7.28	94	839486	74.14	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.51	93	625845	76.14	ng/ul#	85
10) 2-Chlorophenol	7.66	128	580383	76.82	ng/ul#	83
11) 2-Methylphenol	8.55	108	634071	74.36	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.63	45	889271	79.06	ng/ul	99
14) Acetophenone	8.94	105	1015710	74.60	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	636931	77.76	ng/ul#	83
16) 4-Methylphenol	8.89	108	691328	72.33	ng/ul	99
17) Hexachloroethane	9.19	117	257281	78.92	ng/ul#	81
20) Nitrobenzene	9.32	77	885983	79.82	ng/ul#	86
21) Isophorone	9.85	82	1599956	78.37	ng/ul#	94
23) 2-Nitrophenol	10.04	139	369602	78.71	ng/ul#	52
24) 2,4-Dimethylphenol	10.10	107	811906	78.81	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.33	93	912153	77.45	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	636221	76.90	ng/ul	97
28) Naphthalene	10.99	128	1791712	73.46	ng/ul	98
30) 4-Chloroaniline	11.10	127	769994	80.61	ng/ul	99
31) Hexachlorobutadiene	11.26	225	443836	80.56	ng/ul	95
32) Caprolactam	11.89	113	128714	37.46	ng/ul#	44
33) 4-Chloro-3-methylphenol	12.23	107	783971	73.63	ng/ul	84
34) 2-Methylnaphthalene	12.60	142	1409190	71.26	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	806459	82.68	ng/ul	99
37) Hexachlorocyclopentadiene	12.93	237	433248	80.31	ng/ul	100
38) 2,4,6-Trichlorophenol	13.21	196	550352	81.46	ng/ul	99
39) 2,4,5-Trichlorophenol	13.29	196	558792	77.16	ng/ul	96
40) 1,1'-Biphenyl	13.60	154	1761522	75.45	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	1409716	77.65	ng/ul	92
42) 2-Nitroaniline	13.86	65	621386	83.83	ng/ul#	64
44) Dimethylphthalate	14.22	163	1822829	70.77	ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	444472	79.59	ng/ul#	82
47) Acenaphthylene	14.50	152	2165186	70.71	ng/ul	93
48) 3-Nitroaniline	14.69	138	424437	80.84	ng/ul#	62
49) Acenaphthene	14.84	153	1525452	73.12	ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	276711	80.30	ng/ul#	77
52) 4-Nitrophenol	15.22	109	671	0.15	ng/ul	88
53) Dibenzofuran	15.17	168	2094029	67.74	ng/ul#	76
54) 2,4-Dinitrotoluene	15.15	165	632852	74.79	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.40	232	536064	72.05	ng/ul	96
56) Diethylphthalate	15.58	149	1836495	68.21	ng/ul#	89
58) Fluorene	15.83	166	1724388	66.96	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.81	204	916181	70.73	ng/ul	92
60) 4-Nitroaniline	15.87	138	466587	76.63	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.92	198	414953	84.24	ng/ul#	82
64) N-Nitrosodiphenylamine	16.03	169	1584240	77.51	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	666022	79.40	ng/ul	98
66) Hexachlorobenzene	16.84	284	699375	78.26	ng/ul	96
67) Atrazine	16.98	200	696187	82.46	ng/ul	98
68) Pentachlorophenol	17.19	266	368925	74.83	ng/ul	88
69) Phenanthrene	17.58	178	2632289	69.49	ng/ul#	90
71) Anthracene	17.68	178	2640902	68.33	ng/ul#	88
72) Carbazole	17.95	167	2416402	77.58	ng/ul#	90
73) Di-n-butylphthalate	18.48	149	2803110	71.85	ng/ul#	85
74) Fluoranthene	19.59	202	2941393	75.85	ng/ul	99
77) Pyrene	19.96	202	2885137	61.57	ng/ul	97
78) Butylbenzylphthalate	20.83	149	1453478	80.87	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.74	252	1185653	88.78	ng/ul#	96
80) Benzo(a)anthracene	21.83	228	3011635	70.55	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.70	149	1924379	80.53	ng/ul#	89
82) Chrysene	21.90	228	2723508	70.17	ng/ul#	85
84) Di-n-octyl phthalate	22.96	149	3157085	84.62	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	3205830	76.30	ng/ul#	91
86) Benzo(k)fluoranthene	24.23	252	3026687	73.17	ng/ul#	89
88) Benzo(a)pyrene	25.08	252	3038273	74.90	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.13	276	3791057	79.53	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.20	278	3183510	78.31	ng/ul#	90
91) Benzo(g,h,i)perylene	30.36	276	3113438	78.78	ng/ul#	85

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

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