Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
Data File : BG024906.D
Acq On : 23 Nov 2016 12:58
Operator : UM/SJ
Sample : SSTD08030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 23 13:52:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	76354	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	339655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	293778	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	648920	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	822221	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	837653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	50114	34.01	ng/uL	0.00
5) Phenol-d5	7.39	99	578451	88.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	343900	83.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	407839	86.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	490818	89.36	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	217092	84.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	262004	85.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	517927	84.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	549124	80.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	1634459	76.30	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	1818536	77.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	304298	79.83	ng/ul	0.01
57) Fluorene-d10	15.86	176	1518209	75.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	383698	86.01	ng/ul	0.01
70) Anthracene-d10	17.71	188	2199744	76.75	ng/ul	0.00
76) Pyrene-d10	19.99	212	2568087	72.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	2931245	79.94	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	53221	28.82	ng/uL#	85
4) Benzaldehyde	7.39	77	355775	84.43	ng/ul	96
6) Phenol	7.42	94	576178	84.33	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	412640	84.84	ng/ul	91
10) 2-Chlorophenol	7.81	128	398682	87.87	ng/ul	89
11) 2-Methylphenol	8.68	108	436130	87.13	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.78	45	685574	83.03	ng/ul	97
14) Acetophenone	9.08	105	699718	84.59	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.07	70	420535	89.47	ng/ul#	86
16) 4-Methylphenol	9.02	108	478577	88.38	ng/ul	96
17) Hexachloroethane	9.34	117	173457	83.51	ng/ul	90
20) Nitrobenzene	9.47	77	619828	81.18	ng/ul	100
21) Isophorone	9.99	82	1172016	82.30	ng/ul	99
23) 2-Nitrophenol	10.19	139	265592	85.62	ng/ul#	84
24) 2,4-Dimethylphenol	10.23	107	598336	81.24	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	601249	80.40	ng/ul	95
27) 2,4-Dichlorophenol	10.72	162	489492	83.59	ng/ul	94
28) Naphthalene	11.13	128	1285296	78.90	ng/ul	98
30) 4-Chloroaniline	11.24	127	540923	82.14	ng/ul	95
31) Hexachlorobutadiene	11.39	225	385411	74.97	ng/ul	91
32) Caprolactam	12.02	113	130388	56.49	ng/ul	98
33) 4-Chloro-3-methylphenol	12.34	107	601972	84.89	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	1044284	81.46	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	741530	77.79	ng/ul	96
37) Hexachlorocyclopentadiene	13.04	237	489266	79.64	ng/ul	100
38) 2,4,6-Trichlorophenol	13.31	196	482977	83.30	ng/ul	88
39) 2,4,5-Trichlorophenol	13.39	196	526736	83.60	ng/ul	97
40) 1,1'-Biphenyl	13.71	154	1425398	75.39	ng/ul	97
41) 2-Chloronaphthalene	13.76	162	1148412	78.17	ng/ul	94
42) 2-Nitroaniline	13.97	65	498929	85.63	ng/ul	99
44) Dimethylphthalate	14.31	163	1549461	75.40	ng/ul#	99
45) 2,6-Dinitrotoluene	14.45	165	369940	85.65	ng/ul	97
47) Acenaphthylene	14.60	152	1732398	76.67	ng/ul	96
48) 3-Nitroaniline	14.78	138	305592	76.56	ng/ul#	86
49) Acenaphthene	14.94	153	1226012	76.65	ng/ul	97
50) 2,4-Dinitrophenol	14.99	184	276707	89.52	ng/ul	88
52) 4-Nitrophenol	15.08	109	357767	78.40	ng/ul	96
53) Dibenzofuran	15.27	168	1844532	75.38	ng/ul	98
54) 2,4-Dinitrotoluene	15.24	165	536054	82.06	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.49	232	553160	84.37	ng/ul	97
56) Diethylphthalate	15.66	149	1602326	73.39	ng/ul#	92
58) Fluorene	15.92	166	1500456	75.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	850473	75.71	ng/ul	87
60) 4-Nitroaniline	15.95	138	338710	74.60	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.99	198	389253	86.04	ng/ul#	97
64) N-Nitrosodiphenylamine	16.11	169	1404008	80.08	ng/ul	96
65) 4-Bromophenyl-phenylether	16.79	248	647976	82.11	ng/ul	94
66) Hexachlorobenzene	16.92	284	730353	83.63	ng/ul	95
67) Atrazine	17.05	200	658385	80.10	ng/ul	98
68) Pentachlorophenol	17.26	266	445631	86.44	ng/ul	94
69) Phenanthrene	17.66	178	2469954	76.35	ng/ul#	94
71) Anthracene	17.75	178	2473239	73.92	ng/ul#	93
72) Carbazole	18.02	167	2197662	80.07	ng/ul	93
73) Di-n-butylphthalate	18.54	149	2509174	72.55	ng/ul	96
74) Fluoranthene	19.65	202	2875977	76.54	ng/ul	97
77) Pyrene	20.02	202	2872045	71.07	ng/ul	97
78) Butylbenzylphthalate	20.87	149	1263270	76.37	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.79	252	1166903	73.80	ng/ul	94
80) Benzo(a)anthracene	21.89	228	3237266	72.35	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.74	149	1741902	76.97	ng/ul#	92
82) Chrysene	21.89	228	3237266	77.17	ng/ul	94
84) Di-n-octyl phthalate	23.01	149	2878136	81.17	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	3352825	75.98	ng/ul	94
86) Benzo(k)fluoranthene	24.31	252	3281677	78.28	ng/ul	97
88) Benzo(a)pyrene	25.18	252	3327326	77.91	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	4261953	79.81	ng/ul	97
90) Dibenzo(a,h)anthracene	29.35	278	3540427	79.57	ng/ul	99
91) Benzo(g,h,i)perylene	30.53	276	3484783	79.24	ng/ul	96

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

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