Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100716\
Data File : BG024201.D
Acq On : 6 Oct 2016 16:24
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16006

Quant Time: Oct 06 16:57:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	154	20.00	ng/ul	0.09
18) Naphthalene-d8	11.13	136	669500	20.00	ng/ul	0.20
35) Acenaphthene-d10	14.92	164	518517	20.00	ng/ul	0.15
61) Phenanthrene-d10	17.66	188	1053201	20.00	ng/ul	0.13
75) Chrysene-d12	21.97	240	1142064	20.00	ng/ul	0.12
83) Perylene-d12	25.43	264	1137940	20.00	ng/ul	0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	359	105.82	ng/uL	0.02
5) Phenol-d5	7.44	99	2208562	152943.65	ng/ul	0.19
7) Bis-(2-Chloroethyl)ether-d	7.47	67	116897	11814.28	ng/ul	0.07
9) 2-Chlorophenol-d4	7.83	132	1575247	153690.36	ng/ul	0.21
13) 4-Methylphenol-d8	9.01	113	1829432	162029.82	ng/ul	0.19
19) Nitrobenzene-d5	9.49	128	814264	150.55	ng/ul	0.21
22) 2-Nitrophenol-d4	10.21	143	923902	149.82	ng/ul	0.21
26) 2,4-Dichlorophenol-d3	10.75	165	1810677	162.41	ng/ul	0.20
29) 4-Chloroaniline-d4	11.27	131	1603051	117.50	ng/ul	0.20
43) Dimethylphthalate-d6	14.32	166	4283959	99.66	ng/ul	0.16
46) Acenaphthylene-d8	14.62	160	4943485	101.56	ng/ul	0.16
51) 4-Nitrophenol-d4	15.16	143	2357	0.34	ng/ul	0.17
57) Fluorene-d10	15.91	176	4112640	109.59	ng/ul	0.15
62) 4,6-Dinitro-2-methylphenol	16.03	200	1133124	169.73	ng/ul	0.13
70) Anthracene-d10	17.77	188	5192435	106.94	ng/ul	0.14
76) Pyrene-d10	20.03	212	5380884	98.19	ng/ul	0.11
87) Benzo(a)pyrene-d12	25.20	264	7091538	136.12	ng/ul	0.22
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	482	135.52	ng/uL#	1
4) Benzaldehyde	7.44	77	1067879	114637.69	ng/ul#	80
6) Phenol	7.47	94	2207878	149238.60	ng/ul#	51
8) Bis(2-Chloroethyl)ether	7.48	93	9429	835.38	ng/ul#	1
10) 2-Chlorophenol	7.87	128	1533019	146641.49	ng/ul#	79
11) 2-Methylphenol	8.74	108	1679481	149260.02	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.74	45	3794	235.10	ng/ul#	1
14) Acetophenone	9.08	105	21326	1161.64	ng/ul#	1
15) N-Nitroso-di-n-propylamine	9.01	70	59195	5206.60	ng/ul#	1
16) 4-Methylphenol	9.08	108	1803723	147401.41	ng/ul	98
17) Hexachloroethane	9.40	117	707346	153292.60	ng/ul#	83
20) Nitrobenzene	9.53	77	2299223	145.27	ng/ul#	83
21) Isophorone	10.07	82	3885625	132.64	ng/ul#	95
23) 2-Nitrophenol	10.25	139	967314	145.61	ng/ul#	46
24) 2,4-Dimethylphenol	10.29	107	2095074	146.10	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.53	93	2256191	136.98	ng/ul	94
27) 2,4-Dichlorophenol	10.77	162	1709740	153.61	ng/ul#	91
28) Naphthalene	11.19	128	4165599	121.65	ng/ul#	88
30) 4-Chloroaniline	11.29	127	1598644	119.49	ng/ul	100
31) Hexachlorobutadiene	11.46	225	1343276	167.76	ng/ul	99
33) 4-Chloro-3-methylphenol	12.39	107	2013863	146.39	ng/ul	88
34) 2-Methylnaphthalene	12.77	142	3351718	128.49	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	13.13	216	2269612	131.75	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	13.10	237	1762324	234.27	ng/ul	92
38) 2,4,6-Trichlorophenol	13.36	196	1557868	137.50	ng/ul	96
39) 2,4,5-Trichlorophenol	13.36	196	1557868	133.03	ng/ul	97
40) 1,1'-Biphenyl	13.77	154	4026926	99.30	ng/ul#	80
41) 2-Chloronaphthalene	13.81	162	3521503	114.23	ng/ul#	81
42) 2-Nitroaniline	14.02	65	1727835	135.10	ng/ul#	60
44) Dimethylphthalate	14.38	163	4133412	96.16	ng/ul#	86
45) 2,6-Dinitrotoluene	14.50	165	1178471	128.43	ng/ul#	80
47) Acenaphthylene	14.65	152	4529386	89.31	ng/ul#	72
48) 3-Nitroaniline	14.83	138	905890	104.78	ng/ul#	53
49) Acenaphthene	14.99	153	3681482	108.39	ng/ul#	86
50) 2,4-Dinitrophenol	15.03	184	848430	174.23	ng/ul#	72
52) 4-Nitrophenol	15.13	109	1196384	171.44	ng/ul#	63
53) Dibenzofuran	15.32	168	4558288	92.31	ng/ul#	45
54) 2,4-Dinitrotoluene	15.28	165	1617252	120.60	ng/ul#	54
55) 2,3,4,6-Tetrachlorophenol	15.54	232	1619694	149.93	ng/ul	98
56) Diethylphthalate	15.73	149	4318877	98.36	ng/ul#	72
58) Fluorene	15.97	166	4008267	100.20	ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.95	204	2535130	125.44	ng/ul#	85
60) 4-Nitroaniline	16.00	138	1083746	112.89	ng/ul#	30
63) 4,6-Dinitro-2-methylphenol	16.05	198	1143159	164.03	ng/ul#	81
64) N-Nitrosodiphenylamine	16.17	169	3753024	120.36	ng/ul#	85
65) 4-Bromophenyl-phenylether	16.84	248	1818301	149.90	ng/ul	95
66) Hexachlorobenzene	16.96	284	2016332	154.32	ng/ul	95
67) Atrazine	17.11	200	1815028	142.12	ng/ul	94
68) Pentachlorophenol	17.30	266	1396529	246.61	ng/ul	95
69) Phenanthrene	17.71	178	5427833	97.37	ng/ul#	58
71) Anthracene	17.80	178	5170594	90.19	ng/ul#	51
72) Carbazole	18.07	167	5018029	107.26	ng/ul#	63
73) Di-n-butylphthalate	18.60	149	4866210	76.89	ng/ul#	58
74) Fluoranthene	19.70	202	5454877	91.85	ng/ul#	80
77) Pyrene	20.06	202	5268495	78.06	ng/ul#	74
78) Butylbenzylphthalate	20.93	149	3235466	105.98	ng/ul#	70
79) 3,3'-Dichlorobenzidine	21.85	252	2514803	110.79	ng/ul#	90
80) Benzo(a)anthracene	21.95	228	6480288	98.16	ng/ul#	54
81) Bis(2-ethylhexyl)phthalate	21.82	149	4077568	99.29	ng/ul#	68
82) Chrysene	22.02	228	5872018	98.82	ng/ul#	47
84) Di-n-octyl phthalate	23.12	149	6168254	94.31	ng/ul	100
85) Benzo(b)fluoranthene	24.34	252	7815134	118.11	ng/ul#	83
86) Benzo(k)fluoranthene	24.41	252	7110146	111.27	ng/ul#	74
88) Benzo(a)pyrene	25.29	252	7547757	118.88	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	29.45	276	10781751	144.43	ng/ul#	82
91) Benzo(g,h,i)perylene	30.72	276	8816092	142.80	ng/ul#	79

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

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