Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032715\
Data File : BG016195.D
Acq On : 28 Mar 2015 2:59
Operator : TP/IZ
Sample : SSTD02037
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02037

Quant Time: Mar 28 06:11:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	76419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	329187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	182727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	345484	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	339094	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	337965	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	13115	7.03	ng/uL	0.00
5) Phenol-d5	6.97	99	141378	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	72806	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	112044	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	107591	20.84	ng/ul	0.02
19) Nitrobenzene-d5	8.95	128	56620	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	61805	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	106367	22.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	146867	22.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	241059	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	359501	21.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	55328	19.45	ng/ul	0.02
57) Fluorene-d10	15.41	176	239231	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	16337	9.05	ng/ul	0.02
70) Anthracene-d10	17.26	188	327404	20.75	ng/ul	0.00
76) Pyrene-d10	19.55	212	325752	21.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	320811	21.76	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	14145	6.16	ng/uL	94
4) Benzaldehyde	6.94	77	83872	21.22	ng/ul	97
6) Phenol	7.00	94	152241	20.25	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	116588	19.61	ng/ul	98
10) 2-Chlorophenol	7.37	128	117258	20.80	ng/ul	98
11) 2-Methylphenol	8.24	108	112423	20.54	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	132014	20.11	ng/ul	99
14) Acetophenone	8.62	105	156909	19.23	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	84526	19.11	ng/ul	99
16) 4-Methylphenol	8.57	108	123387	20.26	ng/ul	98
17) Hexachloroethane	8.87	117	45355	20.66	ng/ul	90
20) Nitrobenzene	8.99	77	121866	20.64	ng/ul	95
21) Isophorone	9.52	82	233555	19.94	ng/ul	99
23) 2-Nitrophenol	9.70	139	65544	22.47	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	120351	20.78	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.99	93	143287	19.70	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	105018	21.96	ng/ul	98
28) Naphthalene	10.63	128	370184	20.83	ng/ul	99
30) 4-Chloroaniline	10.74	127	146361	22.12	ng/ul	99
31) Hexachlorobutadiene	10.92	225	57245	21.87	ng/ul	98
32) Caprolactam	11.50	113	44385	19.62	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	109050	21.00	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	255698	20.33	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	112372	23.09	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	20934	7.88	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	77251	25.34	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	81636	24.57	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	310115	21.65	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	234813	21.73	ng/ul	98
42) 2-Nitroaniline	13.51	65	64797	21.51	ng/ul	99
44) Dimethylphthalate	13.88	163	270388	20.00	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	62468	22.39	ng/ul	97
47) Acenaphthylene	14.15	152	395610	21.28	ng/ul	99
48) 3-Nitroaniline	14.33	138	75266	23.16	ng/ul	99
49) Acenaphthene	14.49	153	257327	20.68	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	8412	6.71	ng/ul	93
52) 4-Nitrophenol	14.65	109	29531	19.00	ng/ul	90
53) Dibenzofuran	14.82	168	344568	20.50	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	84112	20.86	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.05	232	66809	22.95	ng/ul#	99
56) Diethylphthalate	15.24	149	268545	19.35	ng/ul	99
58) Fluorene	15.47	166	294753	20.08	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	134280	20.25	ng/ul	99
60) 4-Nitroaniline	15.49	138	78435	20.35	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	18776	9.08	ng/ul#	95
64) N-Nitrosodiphenylamine	15.68	169	245255	22.40	ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	81132	22.62	ng/ul	98
66) Hexachlorobenzene	16.47	284	90108	22.22	ng/ul	94
67) Atrazine	16.62	200	79948	21.17	ng/ul	99
68) Pentachlorophenol	16.82	266	51944	23.54	ng/ul	96
69) Phenanthrene	17.21	178	405653	20.66	ng/ul	99
71) Anthracene	17.29	178	421713	21.15	ng/ul	99
72) Carbazole	17.56	167	384803	20.07	ng/ul	99
73) Di-n-butylphthalate	18.12	149	451190	20.38	ng/ul	99
74) Fluoranthene	19.22	202	428763	19.31	ng/ul	96
77) Pyrene	19.59	202	446728	21.41	ng/ul	95
78) Butylbenzylphthalate	20.47	149	203310	23.76	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.25	252	129388	23.36	ng/ul	100
80) Benzo(a)anthracene	21.32	228	426254	22.19	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	283367	24.50	ng/ul	98
82) Chrysene	21.37	228	396752	21.71	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	490155	24.60	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	432428	22.29	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	394236	20.58	ng/ul	97
88) Benzo(a)pyrene	23.53	252	408145	21.11	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.98	276	415822	18.59	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	345050	18.41	ng/ul	99
91) Benzo(g,h,i)perylene	26.70	276	306448	16.31	ng/ul	98

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

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