Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028286.D
Acq On : 11 Aug 2017 9:12
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
Sohil
8/14/2017 4:03:25 PM

Quant Time: Aug 11 11:36:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51042	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	222900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	154116	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	369419m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	408144	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	392945	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	8154	7.44	ng/uL	0.00
5) Phenol-d5	7.50	99	97224	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	61815	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	67608	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	80186	17.11	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	33603	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	43828	22.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	80539	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	94437	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	258056	18.83	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	305216	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38947	17.87	ng/ul	0.00
57) Fluorene-d10	15.95	176	230299	18.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46412	19.34	ng/ul	0.00
70) Anthracene-d10	17.81	188	347612	19.62	ng/ul	0.00
76) Pyrene-d10	20.08	212	393598	18.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	363625	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	10027	8.710	ng/uL	89
4) Benzaldehyde	7.50	77	63674	19.655	ng/ul#	84
6) Phenol	7.53	94	96259	17.278	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.76	93	67961	17.908	ng/ul	95
10) 2-Chlorophenol	7.92	128	65777	19.087	ng/ul	98
11) 2-Methylphenol	8.78	108	66379	16.880	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.88	45	143830	15.613	ng/ul#	93
14) Acetophenone	9.18	105	114326	17.110	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.15	70	66430	17.492	ng/ul#	92
16) 4-Methylphenol	9.11	108	75868	17.086	ng/ul	99
17) Hexachloroethane	9.45	117	27582	19.314	ng/ul	98
20) Nitrobenzene	9.56	77	97385	19.301	ng/ul#	96
21) Isophorone	10.08	82	179144	18.688	ng/ul	98
23) 2-Nitrophenol	10.28	139	40408	20.945	ng/ul#	85
24) 2,4-Dimethylphenol	10.32	107	94739	19.757	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.56	93	97380	18.650	ng/ul	95
27) 2,4-Dichlorophenol	10.81	162	72617	20.175	ng/ul	96
28) Naphthalene	11.23	128	219462	19.879	ng/ul	99
30) 4-Chloroaniline	11.33	127	91443	21.433	ng/ul	92
31) Hexachlorobutadiene	11.50	225	55696	20.963	ng/ul#	84
32) Caprolactam	12.08	113	27719	18.520	ng/ul	81
33) 4-Chloro-3-methylphenol	12.42	107	88193	19.196	ng/ul	94
34) 2-Methylnaphthalene	12.80	142	168370	18.988	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	106752	21.490 ng/ul	93
37) Hexachlorocyclopentadiene	13.14	237	49144	17.929 ng/ul	95
38) 2,4,6-Trichlorophenol	13.40	196	68548	22.140 ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	71081	21.063 ng/ul	93
40) 1,1'-Biphenyl	13.79	154	222186	19.739 ng/ul	97
41) 2-Chloronaphthalene	13.84	162	174890	19.661 ng/ul	97
42) 2-Nitroaniline	14.04	65	72321	19.392 ng/ul	95
44) Dimethylphthalate	14.40	163	232591	18.429 ng/ul	97
45) 2,6-Dinitrotoluene	14.53	165	52088	19.989 ng/ul#	94
47) Acenaphthylene	14.69	152	286663	19.409 ng/ul	98
48) 3-Nitroaniline	14.86	138	45932	19.575 ng/ul#	97
49) Acenaphthene	15.02	153	190489	19.115 ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	27776	18.918 ng/ul	85
52) 4-Nitrophenol	15.16	109	36464	16.147 ng/ul#	73
53) Dibenzofuran	15.36	168	278304	19.155 ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	76536	19.380 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.58	232	65986	20.994 ng/ul#	94
56) Diethylphthalate	15.75	149	260818	17.615 ng/ul	99
58) Fluorene	16.00	166	237047	18.428 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.99	204	127563	18.484 ng/ul	87
60) 4-Nitroaniline	16.02	138	49120	17.645 ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.07	198	46230m	18.998 ng/ul	
64) N-Nitrosodiphenylamine	16.20	169	200882	20.670 ng/ul	96
65) 4-Bromophenyl-phenylether	16.88	248	83922	21.136 ng/ul	91
66) Hexachlorobenzene	17.01	284	89676	21.216 ng/ul	98
67) Atrazine	17.14	200	86163	20.335 ng/ul	93
68) Pentachlorophenol	17.36	266	43222	20.188 ng/ul	94
69) Phenanthrene	17.75	178	365998m	19.687 ng/ul	
71) Anthracene	17.84	178	380938	20.048 ng/ul	99
72) Carbazole	18.11	167	326653	19.767 ng/ul	98
73) Di-n-butylphthalate	18.64	149	406375	19.755 ng/ul#	96
74) Fluoranthene	19.75	202	443337	19.622 ng/ul	99
77) Pyrene	20.11	202	454379	18.660 ng/ul	99
78) Butylbenzylphthalate	20.97	149	186494	20.444 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.92	252	164783	20.926 ng/ul	95
80) Benzo(a)anthracene	22.01	228	465200	19.727 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	264026	20.351 ng/ul	98
82) Chrysene	22.09	228	421441	19.843 ng/ul	98
84) Di-n-octyl phthalate	23.18	149	452944	19.235 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	452531	19.245 ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	458135m	19.946 ng/ul	
88) Benzo(a)pyrene	25.37	252	440489	19.348 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	532302	19.965 ng/ul	99
90) Dibenzo(a,h)anthracene	29.62	278	446271	19.970 ng/ul	98
91) Benzo(g,h,i)perylene	30.82	276	440089	20.065 ng/ul#	96

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

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