Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030864.D
Acq On : 9 Nov 2017 2:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02097

Quant Time: Nov 09 03:21:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:14:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	55680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	271342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	184536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	451957	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	500766	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	521426	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	9523	6.95	ng/uL	0.00
5) Phenol-d5	7.31	99	93577	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	50701	15.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	75611	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	80507	18.65	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	37350	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	46118	23.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	88654	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	108287	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	272650	17.28	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	352921	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	45010	15.45	ng/ul	0.00
57) Fluorene-d10	15.76	176	264479	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	46164	20.93	ng/ul	0.00
70) Anthracene-d10	17.61	188	401875	18.80	ng/ul	0.00
76) Pyrene-d10	19.88	212	473117	18.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	460824	18.66	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	9518	5.698	ng/uL	95
4) Benzaldehyde	7.28	77	56492	17.108	ng/ul	92
6) Phenol	7.34	94	95571	17.283	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.56	93	69404	16.488	ng/ul	89
10) 2-Chlorophenol	7.71	128	75471	19.584	ng/ul#	86
11) 2-Methylphenol	8.60	108	72877	17.628	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.68	45	111192	18.023	ng/ul	98
14) Acetophenone	8.97	105	116288	17.642	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.95	70	60162	16.471	ng/ul#	92
16) 4-Methylphenol	8.92	108	81941	18.192	ng/ul	98
17) Hexachloroethane	9.24	117	28379	18.443	ng/ul	97
20) Nitrobenzene	9.35	77	87221	16.423	ng/ul#	87
21) Isophorone	9.88	82	169583	15.113	ng/ul	95
23) 2-Nitrophenol	10.07	139	47750	21.559	ng/ul#	79
24) 2,4-Dimethylphenol	10.13	107	92901	17.249	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.35	93	101698	15.056	ng/ul	99
27) 2,4-Dichlorophenol	10.61	162	86858	19.944	ng/ul	92
28) Naphthalene	11.02	128	249095	17.349	ng/ul	99
30) 4-Chloroaniline	11.12	127	107707	20.830	ng/ul	93
31) Hexachlorobutadiene	11.29	225	61903	22.754	ng/ul	97
32) Caprolactam	11.87	113	31314	16.800	ng/ul	94
33) 4-Chloro-3-methylphenol	12.24	107	89983	17.610	ng/ul#	91
34) 2-Methylnaphthalene	12.61	142	199007	16.744	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	124229	22.717	ng/ul#	91
37) Hexachlorocyclopentadiene	12.95	237	22880	7.937	ng/ul#	93
38) 2,4,6-Trichlorophenol	13.21	196	80067	21.134	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	84739	21.184	ng/ul	95
40) 1,1'-Biphenyl	13.60	154	268904	17.674	ng/ul	96
41) 2-Chloronaphthalene	13.65	162	215061	18.674	ng/ul	95
42) 2-Nitroaniline	13.85	65	60694	16.824	ng/ul#	84
44) Dimethylphthalate	14.21	163	270399	17.572	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	59280	22.024	ng/ul#	83
47) Acenaphthylene	14.49	152	335412	17.137	ng/ul	97
48) 3-Nitroaniline	14.67	138	60975	20.908	ng/ul	80
49) Acenaphthene	14.83	153	229944	17.172	ng/ul	99
50) 2,4-Dinitrophenol	14.88	184	23813	16.530	ng/ul#	78
52) 4-Nitrophenol	14.99	109	33437	15.214	ng/ul#	80
53) Dibenzofuran	15.16	168	337857	18.455	ng/ul	94
54) 2,4-Dinitrotoluene	15.13	165	87013	22.111	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.39	232	79863	22.704	ng/ul#	86
56) Diethylphthalate	15.56	149	272209	17.167	ng/ul	96
58) Fluorene	15.81	166	273718	18.743	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.80	204	151746	22.085	ng/ul	88
60) 4-Nitroaniline	15.83	138	65994	18.408	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.89	198	47278	20.283	ng/ul#	77
64) N-Nitrosodiphenylamine	16.01	169	242417	17.983	ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	101792	22.325	ng/ul#	88
66) Hexachlorobenzene	16.81	284	112917	24.204	ng/ul	91
67) Atrazine	16.95	200	101393	19.806	ng/ul	97
68) Pentachlorophenol	17.16	266	51748	18.618	ng/ul	93
69) Phenanthrene	17.55	178	452580	18.524	ng/ul	98
71) Anthracene	17.64	178	460755	18.278	ng/ul	99
72) Carbazole	17.91	167	415243	18.325	ng/ul	98
73) Di-n-butylphthalate	18.45	149	498352	18.305	ng/ul	99
74) Fluoranthene	19.55	202	571363	20.925	ng/ul	98
77) Pyrene	19.91	202	578926	17.250	ng/ul	99
78) Butylbenzylphthalate	20.78	149	229949	16.898	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.67	252	197948	21.601	ng/ul#	98
80) Benzo(a)anthracene	21.76	228	590396	18.813	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.64	149	329819	16.725	ng/ul#	99
82) Chrysene	21.83	228	541000	18.973	ng/ul	97
84) Di-n-octyl phthalate	22.87	149	561192	16.086	ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	590318	18.858	ng/ul	97
86) Benzo(k)fluoranthene	24.10	252	579539	19.149	ng/ul	97
88) Benzo(a)pyrene	24.93	252	576116	18.907	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	698219	20.254	ng/ul	97
90) Dibenzo(a,h)anthracene	28.94	278	582194	20.329	ng/ul	99
91) Benzo(g,h,i)perylene	30.06	276	573426	20.067	ng/ul	96

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

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