Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
Data File : BG026617.D
Acq On : 11 Apr 2017 14:27
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc : For Confirmation
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02031

Quant Time: Apr 11 15:00:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 04 04:02:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	175413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	746528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	446924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1083806	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1241336	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1234845	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	28478	7.77	ng/uL	0.00
5) Phenol-d5	7.20	99	257104	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	146054	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	233005	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	211632	20.34	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	110960	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	130656	20.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	231245	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	283291	24.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	717412	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	875133	20.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	129144	19.18	ng/ul	0.00
57) Fluorene-d10	15.62	176	635726	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	139184	19.97	ng/ul	0.00
70) Anthracene-d10	17.47	188	986119	20.04	ng/ul	0.00
78) Pyrene-d10	19.75	212	1131703	20.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.57	264	1066720	20.11	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	27287	6.97	ng/uL#	85
4) Benzaldehyde	7.17	77	150387	20.84	ng/ul	89
6) Phenol	7.22	94	276411	20.49	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.45	93	211314	20.53	ng/ul	94
10) 2-Chlorophenol	7.60	128	224714	20.05	ng/ul	97
11) 2-Methylphenol	8.47	108	212436	20.14	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	204757	21.09	ng/ul	99
14) Acetophenone	8.85	105	325417	20.82	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.83	70	150922	20.80	ng/ul#	94
16) 4-Methylphenol	8.80	108	234799	20.57	ng/ul	99
17) Hexachloroethane	9.12	117	82411	19.86	ng/ul	90
20) Nitrobenzene	9.23	77	215883	20.37	ng/ul	95
21) Isophorone	9.75	82	417518	20.69	ng/ul	94
23) 2-Nitrophenol	9.95	139	139315	21.18	ng/ul#	81
24) 2,4-Dimethylphenol	10.00	107	241001	20.40	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.23	93	287000	20.58	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	231118	20.39	ng/ul	96
28) Naphthalene	10.88	128	723395	20.19	ng/ul	99
30) 4-Chloroaniline	10.99	127	267861	24.58	ng/ul	95
31) Hexachlorobutadiene	11.17	225	148384	20.57	ng/ul	98
32) Caprolactam	11.73	113	80925	20.23	ng/ul	96
33) 4-Chloro-3-methylphenol	12.10	107	223193	20.34	ng/ul#	83
34) 2-Methylnaphthalene	12.48	142	567287	20.47	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	286305	20.35	ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	132966	18.92	ng/ul	100
38) 2,4,6-Trichlorophenol	13.09	196	185233	19.84	ng/ul	98
39) 2,4,5-Trichlorophenol	13.16	196	189204	19.69	ng/ul	98
40) 1,1'-Biphenyl	13.48	154	722810	20.16	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	550420	20.34	ng/ul#	92
42) 2-Nitroaniline	13.72	65	130386	20.72	ng/ul	98
44) Dimethylphthalate	14.09	163	694319	20.70	ng/ul	98
45) 2,6-Dinitrotoluene	14.21	165	155037	21.42	ng/ul#	83
47) Acenaphthylene	14.37	152	876748	20.42	ng/ul	97
48) 3-Nitroaniline	14.54	138	159850	23.97	ng/ul#	86
49) Acenaphthene	14.71	153	602829	20.23	ng/ul	99
50) 2,4-Dinitrophenol	14.75	184	73410	18.01	ng/ul#	76
52) 4-Nitrophenol	14.85	109	71407	19.99	ng/ul#	58
53) Dibenzofuran	15.04	168	875847	20.67	ng/ul	89
54) 2,4-Dinitrotoluene	14.99	165	224118	21.41	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.27	232	182915	19.79	ng/ul#	85
56) Diethylphthalate	15.44	149	695269	20.86	ng/ul	95
58) Fluorene	15.68	166	722477	20.51	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.67	204	353274	20.42	ng/ul#	85
60) 4-Nitroaniline	15.70	138	175212	21.08	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.76	198	150191	20.53	ng/ul#	88
64) N-Nitrosodiphenylamine	15.88	169	626014	20.19	ng/ul	98
65) 4-Bromophenyl-phenylether	16.56	248	236763	19.86	ng/ul#	83
66) Hexachlorobenzene	16.69	284	258631	20.24	ng/ul#	85
67) Atrazine	16.82	200	240982	20.07	ng/ul	97
68) Pentachlorophenol	17.03	266	139362	18.33	ng/ul	100
69) Phenanthrene	17.42	178	1141163	20.09	ng/ul	97
71) Anthracene	17.51	178	1189465	20.47	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	282363	19.78	ng/uL	99
73) Pentachlorobenzene	14.96	250	326222	20.08	ng/uL	98
74) Carbazole	17.77	167	1093075	21.88	ng/ul	96
75) Di-n-butylphthalate	18.32	149	1213924	20.61	ng/ul	98
76) Fluoranthene	19.42	202	1382576	22.78	ng/ul	99
79) Pyrene	19.78	202	1422815	20.58	ng/ul	99
80) Butylbenzylphthalate	20.65	149	558241	20.42	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.51	252	507251	23.55	ng/ul	99
82) Benzo(a)anthracene	21.60	228	1387005	20.66	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	769475	19.69	ng/ul#	93
84) Chrysene	21.66	228	1264490	20.37	ng/ul	97
86) Di-n-octyl phthalate	22.69	149	1315216	20.70	ng/ul#	96
87) Benzo(b)fluoranthene	23.78	252	1379677	19.70	ng/ul	99
88) Benzo(k)fluoranthene	23.85	252	1368279	20.45	ng/ul	98
90) Benzo(a)pyrene	24.64	252	1360304	20.08	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.41	276	1623545	19.87	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.45	278	1370999	20.10	ng/ul	98
93) Benzo(g,h,i)perylene	29.53	276	1355966	19.95	ng/ul	98

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

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