Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033017\
Data File : BG026512.D
Acq On : 31 Mar 2017 1:20
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Mar 31 01:55:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 01:08:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	158886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	670758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	392570	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	932856	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1110370	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1121712	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	28434	8.56	ng/uL	0.00
5) Phenol-d5	7.20	99	250354	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	137070	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	219723	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	195093	20.70	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	100431	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	120162	21.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	215755	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	274454	26.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	633341	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	788321	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	117641	19.89	ng/ul	0.00
57) Fluorene-d10	15.63	176	570129	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	120198	20.04	ng/ul	0.00
70) Anthracene-d10	17.48	188	894839	21.12	ng/ul	0.00
78) Pyrene-d10	19.75	212	1034143	20.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1026438	21.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	28160	7.94	ng/uL#	84
4) Benzaldehyde	7.18	77	138640	21.21	ng/ul	88
6) Phenol	7.23	94	258195	21.13	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.45	93	198791	21.32	ng/ul	93
10) 2-Chlorophenol	7.61	128	216613	21.34	ng/ul	99
11) 2-Methylphenol	8.48	108	199216	20.85	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.57	45	182697	20.78	ng/ul	98
14) Acetophenone	8.86	105	299528	21.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.84	70	135111	20.56	ng/ul	94
16) 4-Methylphenol	8.80	108	216685	20.95	ng/ul	100
17) Hexachloroethane	9.13	117	77844	20.71	ng/ul	86
20) Nitrobenzene	9.24	77	198119	20.80	ng/ul	95
21) Isophorone	9.76	82	373262	20.58	ng/ul#	93
23) 2-Nitrophenol	9.95	139	127404	21.56	ng/ul#	87
24) 2,4-Dimethylphenol	10.01	107	219366	20.67	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.24	93	260406	20.78	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	209937	20.61	ng/ul	97
28) Naphthalene	10.89	128	675789	21.00	ng/ul	99
30) 4-Chloroaniline	11.00	127	252960	25.84	ng/ul	99
31) Hexachlorobutadiene	11.18	225	134118	20.70	ng/ul	97
32) Caprolactam	11.74	113	70235	19.54	ng/ul	95
33) 4-Chloro-3-methylphenol	12.11	107	204052	20.69	ng/ul	89
34) 2-Methylnaphthalene	12.49	142	523452	21.03	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	261318	21.14 ng/ul#	98
37) Hexachlorocyclopentadiene	12.84	237	117369	19.01 ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	168441	20.54 ng/ul	97
39) 2,4,5-Trichlorophenol	13.16	196	170247	20.17 ng/ul	99
40) 1,1'-Biphenyl	13.49	154	666981	21.18 ng/ul	97
41) 2-Chloronaphthalene	13.53	162	492132	20.70 ng/ul	93
42) 2-Nitroaniline	13.73	65	114555	20.73 ng/ul	94
44) Dimethylphthalate	14.09	163	611794	20.77 ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	133732	21.04 ng/ul#	85
47) Acenaphthylene	14.37	152	796730	21.13 ng/ul	97
48) 3-Nitroaniline	14.54	138	138724	23.68 ng/ul	88
49) Acenaphthene	14.71	153	542782	20.74 ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	56307	15.72 ng/ul#	81
52) 4-Nitrophenol	14.85	109	66034	21.04 ng/ul#	63
53) Dibenzofuran	15.04	168	784073	21.07 ng/ul	89
54) 2,4-Dinitrotoluene	15.00	165	194031	21.11 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.27	232	170048	20.94 ng/ul#	87
56) Diethylphthalate	15.45	149	606024	20.70 ng/ul	94
58) Fluorene	15.69	166	638496	20.64 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.68	204	314481	20.69 ng/ul#	84
60) 4-Nitroaniline	15.70	138	148700	20.37 ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.77	198	133814	21.25 ng/ul#	83
64) N-Nitrosodiphenylamine	15.89	169	560144	20.99 ng/ul	99
65) 4-Bromophenyl-phenylether	16.57	248	212651	20.73 ng/ul#	85
66) Hexachlorobenzene	16.70	284	229874	20.90 ng/ul#	85
67) Atrazine	16.83	200	216495	20.95 ng/ul	97
68) Pentachlorophenol	17.04	266	136253	20.82 ng/ul	98
69) Phenanthrene	17.42	178	1035129	21.17 ng/ul	98
71) Anthracene	17.51	178	1066654	21.33 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	256002	20.83 ng/uL	98
73) Pentachlorobenzene	14.97	250	292346	20.91 ng/uL	99
74) Carbazole	17.78	167	985795	22.93 ng/ul	96
75) Di-n-butylphthalate	18.33	149	1100458	21.71 ng/ul	99
76) Fluoranthene	19.42	202	1260683	24.13 ng/ul	99
79) Pyrene	19.78	202	1300392	21.03 ng/ul	98
80) Butylbenzylphthalate	20.66	149	508938	20.81 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	462758	24.01 ng/ul#	98
82) Benzo(a)anthracene	21.61	228	1291216	21.50 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	738484	21.13 ng/ul#	93
84) Chrysene	21.67	228	1182342	21.29 ng/ul	96
86) Di-n-octyl phthalate	22.69	149	1268048	21.98 ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1315846	20.68 ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1321318	21.74 ng/ul	97
90) Benzo(a)pyrene	24.65	252	1305916	21.22 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.42	276	1552635	20.92 ng/ul#	92
92) Dibenzo(a,h)anthracene	28.47	278	1295119	20.90 ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1292455	20.94 ng/ul	96

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

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