Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033017\
Data File : BG026517.D
Acq On : 31 Mar 2017 4:38
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Mar 31 05:16:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:35:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	163302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	676069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	389524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	918525	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1124023	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1141764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	28286	8.29	ng/uL	0.00
5) Phenol-d5	7.20	99	247547	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	139478	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	223170	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	198497	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	102501	21.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	118621	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	217663	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	272640	26.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	629838	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	789014	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	116388	19.83	ng/ul	0.00
57) Fluorene-d10	15.63	176	568017	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	121306	20.54	ng/ul	0.00
70) Anthracene-d10	17.48	188	877179	21.03	ng/ul	0.00
78) Pyrene-d10	19.75	212	1014885	20.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1022040	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	29717	8.15	ng/uL#	85
4) Benzaldehyde	7.18	77	136574	20.33	ng/ul	87
6) Phenol	7.23	94	260886	20.77	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.45	93	202261	21.10	ng/ul	97
10) 2-Chlorophenol	7.61	128	219458	21.04	ng/ul	98
11) 2-Methylphenol	8.48	108	202368	20.61	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	185641	20.54	ng/ul	98
14) Acetophenone	8.86	105	305643	21.01	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	136367	20.19	ng/ul	92
16) 4-Methylphenol	8.81	108	218252	20.53	ng/ul	99
17) Hexachloroethane	9.13	117	79833	20.67	ng/ul	90
20) Nitrobenzene	9.24	77	195061	20.32	ng/ul	91
21) Isophorone	9.76	82	373188	20.42	ng/ul#	95
23) 2-Nitrophenol	9.95	139	127324	21.37	ng/ul#	84
24) 2,4-Dimethylphenol	10.01	107	225010	21.03	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.24	93	260075	20.59	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	214555	20.90	ng/ul	95
28) Naphthalene	10.89	128	681695	21.01	ng/ul	99
30) 4-Chloroaniline	11.00	127	251377	25.47	ng/ul	98
31) Hexachlorobutadiene	11.18	225	138247	21.17	ng/ul	99
32) Caprolactam	11.73	113	71329	19.68	ng/ul	94
33) 4-Chloro-3-methylphenol	12.11	107	201975	20.32	ng/ul	88
34) 2-Methylnaphthalene	12.49	142	524142	20.89	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	261088	21.29	ng/ul#	96
37) Hexachlorocyclopentadiene	12.84	237	114601	18.71	ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	168096	20.66	ng/ul	96
39) 2,4,5-Trichlorophenol	13.16	196	173057	20.66	ng/ul	99
40) 1,1'-Biphenyl	13.48	154	660298	21.13	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	493513	20.92	ng/ul	93
42) 2-Nitroaniline	13.73	65	114523	20.88	ng/ul	90
44) Dimethylphthalate	14.09	163	610025	20.87	ng/ul	97
45) 2,6-Dinitrotoluene	14.22	165	132178	20.95	ng/ul#	87
47) Acenaphthylene	14.37	152	792998	21.19	ng/ul	97
48) 3-Nitroaniline	14.55	138	135050	23.24	ng/ul	91
49) Acenaphthene	14.71	153	540534	20.82	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	58754	16.53	ng/ul#	83
52) 4-Nitrophenol	14.85	109	64814	20.82	ng/ul#	60
53) Dibenzofuran	15.04	168	778632	21.09	ng/ul	88
54) 2,4-Dinitrotoluene	15.00	165	188620	20.68	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.27	232	166791	20.70	ng/ul#	87
56) Diethylphthalate	15.45	149	606273	20.87	ng/ul	95
58) Fluorene	15.69	166	639411	20.83	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	310936	20.62	ng/ul#	86
60) 4-Nitroaniline	15.70	138	148804	20.54	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	15.77	198	131965	21.29	ng/ul#	84
64) N-Nitrosodiphenylamine	15.89	169	548034	20.86	ng/ul	97
65) 4-Bromophenyl-phenylether	16.57	248	208221	20.61	ng/ul#	84
66) Hexachlorobenzene	16.70	284	221834	20.49	ng/ul#	87
67) Atrazine	16.83	200	211948	20.83	ng/ul	94
68) Pentachlorophenol	17.03	266	128159	19.88	ng/ul	98
69) Phenanthrene	17.42	178	1006969	20.92	ng/ul	99
71) Anthracene	17.51	178	1049272	21.31	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	254354	21.02	ng/uL	99
73) Pentachlorobenzene	14.97	250	286461	20.81	ng/uL	99
74) Carbazole	17.78	167	970811	22.93	ng/ul	95
75) Di-n-butylphthalate	18.33	149	1068725	21.41	ng/ul#	98
76) Fluoranthene	19.42	202	1224211	23.80	ng/ul	98
79) Pyrene	19.78	202	1276853	20.40	ng/ul	98
80) Butylbenzylphthalate	20.66	149	503143	20.32	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	466565	23.92	ng/ul	98
82) Benzo(a)anthracene	21.61	228	1288733	21.20	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	740294	20.92	ng/ul#	94
84) Chrysene	21.67	228	1186887	21.12	ng/ul	98
86) Di-n-octyl phthalate	22.69	149	1263615	21.51	ng/ul#	95
87) Benzo(b)fluoranthene	23.79	252	1326157	20.48	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1316059	21.28	ng/ul	99
90) Benzo(a)pyrene	24.65	252	1311188	20.93	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.41	276	1541123	20.40	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.47	278	1303681	20.67	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1299111	20.68	ng/ul	98

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

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