Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027553.D
Acq On : 20 Jun 2017 6:55
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02091

Quant Time: Jun 20 07:27:57 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	30626	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	151116	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	101053	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	245661	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	278979	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	258807	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	5020	6.56	ng/uL	0.00
5) Phenol-d5	7.65	99	63395	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	42912	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	43147	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	52833	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	22664	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	25373	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	49064	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	67590	24.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	169522	20.04	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	204375	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	26716	16.14	ng/ul	0.00
57) Fluorene-d10	16.09	176	159926	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	26454	17.34	ng/ul	0.00
70) Anthracene-d10	17.95	188	231869	20.24	ng/ul	0.00
76) Pyrene-d10	20.22	212	262817	19.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	245665	21.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.11	88	5467	6.17	ng/uL#	84
4) Benzaldehyde	7.66	77	45146	23.25	ng/ul	98
6) Phenol	7.68	94	67029	19.26	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.92	93	47985	18.75	ng/ul	96
10) 2-Chlorophenol	8.08	128	44742	20.26	ng/ul	97
11) 2-Methylphenol	8.93	108	48521	19.29	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.03	45	83939	19.70	ng/ul	98
14) Acetophenone	9.33	105	81023	20.19	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.30	70	48862	21.55	ng/ul#	86
16) 4-Methylphenol	9.26	108	54829	19.84	ng/ul	96
17) Hexachloroethane	9.60	117	17361	20.50	ng/ul	83
20) Nitrobenzene	9.72	77	67806	21.93	ng/ul	94
21) Isophorone	10.24	82	124351	20.39	ng/ul#	97
23) 2-Nitrophenol	10.44	139	28075	21.92	ng/ul#	80
24) 2,4-Dimethylphenol	10.47	107	66094	21.67	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.71	93	72559	19.34	ng/ul	93
27) 2,4-Dichlorophenol	10.97	162	48968	21.99	ng/ul	96
28) Naphthalene	11.38	128	154477	19.89	ng/ul	99
30) 4-Chloroaniline	11.48	127	65106	23.65	ng/ul	93
31) Hexachlorobutadiene	11.66	225	30507	22.27	ng/ul#	86
32) Caprolactam	12.24	113	18671	19.01	ng/ul	91
33) 4-Chloro-3-methylphenol	12.57	107	66531	22.68	ng/ul	99
34) 2-Methylnaphthalene	12.95	142	120659	20.95	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	67846	22.68	ng/ul	93
37) Hexachlorocyclopentadiene	13.29	237	30897	18.44	ng/ul	99
38) 2,4,6-Trichlorophenol	13.54	196	45342	22.91	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	46832	22.72	ng/ul	97
40) 1,1'-Biphenyl	13.93	154	163756	20.48	ng/ul#	96
41) 2-Chloronaphthalene	13.99	162	127100	21.08	ng/ul	97
42) 2-Nitroaniline	14.18	65	52543	23.16	ng/ul	97
44) Dimethylphthalate	14.53	163	168929	20.13	ng/ul	96
45) 2,6-Dinitrotoluene	14.66	165	34154	21.86	ng/ul#	91
47) Acenaphthylene	14.83	152	201752	20.66	ng/ul	99
48) 3-Nitroaniline	15.00	138	33848	19.96	ng/ul#	91
49) Acenaphthene	15.17	153	137449	20.18	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	15698	14.50	ng/ul	96
52) 4-Nitrophenol	15.29	109	24703	18.77	ng/ul#	64
53) Dibenzofuran	15.50	168	203730	20.52	ng/ul	97
54) 2,4-Dinitrotoluene	15.45	165	49663	20.76	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.72	232	44742	22.32	ng/ul#	94
56) Diethylphthalate	15.89	149	175821	19.82	ng/ul	100
58) Fluorene	16.14	166	168987	20.51	ng/ul	95
59) 4-Chlorophenyl-phenylether	16.13	204	88049	21.26	ng/ul	87
60) 4-Nitroaniline	16.16	138	36734	17.69	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	16.21	198	27393	17.02	ng/ul#	96
64) N-Nitrosodiphenylamine	16.34	169	145182	20.54	ng/ul	94
65) 4-Bromophenyl-phenylether	17.03	248	57263	23.01	ng/ul	92
66) Hexachlorobenzene	17.15	284	59123	22.56	ng/ul	99
67) Atrazine	17.28	200	55587	20.54	ng/ul	97
68) Pentachlorophenol	17.50	266	30757	17.68	ng/ul	94
69) Phenanthrene	17.89	178	259912	19.69	ng/ul	99
71) Anthracene	17.99	178	269417	20.07	ng/ul	98
72) Carbazole	18.25	167	221172	19.16	ng/ul	97
73) Di-n-butylphthalate	18.78	149	286771	20.09	ng/ul	97
74) Fluoranthene	19.89	202	304877	20.53	ng/ul#	92
77) Pyrene	20.25	202	316596	19.20	ng/ul#	89
78) Butylbenzylphthalate	21.13	149	128791	20.72	ng/ul	97
79) 3,3'-Dichlorobenzidine	22.10	252	104268	20.30	ng/ul#	92
80) Benzo(a)anthracene	22.21	228	321724	20.71	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.05	149	181972	20.39	ng/ul	100
82) Chrysene	22.28	228	286729	20.44	ng/ul	98
84) Di-n-octyl phthalate	23.42	149	311163	19.19	ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	309802	20.10	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	307225	20.74	ng/ul#	95
88) Benzo(a)pyrene	25.70	252	303393	20.50	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.08	276	330034	19.53	ng/ul#	95
90) Dibenzo(a,h)anthracene	30.15	278	284304	19.60	ng/ul#	91
91) Benzo(g,h,i)perylene	31.40	276	256039	18.51	ng/ul#	91

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

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