Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052517\
Data File : BG027130.D
Acq On : 24 May 2017 16:05
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02062

Quant Time: May 25 04:25:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:25:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	135245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	664599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	396311	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	816864	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	709983	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	714368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	26163	8.71	ng/uL	0.00
5) Phenol-d5	7.18	99	275019	22.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	160387	22.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	216704	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	231991	23.16	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	114545	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	129294	21.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	207192	21.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	308602	24.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	685234	21.48	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	833853	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	100610	17.50	ng/ul	0.00
57) Fluorene-d10	15.60	176	579048	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	96911	19.54	ng/ul	0.00
70) Anthracene-d10	17.45	188	811392	20.47	ng/ul	0.00
76) Pyrene-d10	19.73	212	767071	20.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	701581	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	30835	9.00	ng/uL#	79
4) Benzaldehyde	7.14	77	131566	22.55	ng/ul#	68
6) Phenol	7.21	94	279885	22.88	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.42	93	207088	21.93	ng/ul	88
10) 2-Chlorophenol	7.57	128	213515	21.18	ng/ul#	82
11) 2-Methylphenol	8.45	108	222397	22.97	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	235750	23.92	ng/ul#	86
14) Acetophenone	8.82	105	335881	22.83	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	167140	23.02	ng/ul#	71
16) 4-Methylphenol	8.78	108	241726	22.82	ng/ul	98
17) Hexachloroethane	9.08	117	77326	20.39	ng/ul#	71
20) Nitrobenzene	9.20	77	229364	21.40	ng/ul#	75
21) Isophorone	9.72	82	478233	23.24	ng/ul#	90
23) 2-Nitrophenol	9.92	139	134898	21.24	ng/ul#	59
24) 2,4-Dimethylphenol	9.98	107	251139	21.68	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.20	93	301241	21.43	ng/ul#	95
27) 2,4-Dichlorophenol	10.46	162	207831	21.71	ng/ul	96
28) Naphthalene	10.85	128	709278	20.50	ng/ul	99
30) 4-Chloroaniline	10.96	127	286259	23.61	ng/ul	96
31) Hexachlorobutadiene	11.13	225	93933	19.40	ng/ul	93
32) Caprolactam	11.71	113	92180	25.77	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.10	107	258837	24.93	ng/ul#	82
34) 2-Methylnaphthalene	12.45	142	537353	20.93	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	200549	19.19 ng/ul	92
37) Hexachlorocyclopentadiene	12.80	237	86048	18.69 ng/ul	99
38) 2,4,6-Trichlorophenol	13.06	196	151956	21.14 ng/ul	92
39) 2,4,5-Trichlorophenol	13.15	196	154265	20.76 ng/ul	97
40) 1,1'-Biphenyl	13.45	154	666655	20.01 ng/ul	97
41) 2-Chloronaphthalene	13.50	162	499579	19.95 ng/ul	95
42) 2-Nitroaniline	13.70	65	172654	24.13 ng/ul#	75
44) Dimethylphthalate	14.06	163	656695	21.03 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	140846	21.37 ng/ul#	83
47) Acenaphthylene	14.34	152	849952	20.82 ng/ul	99
48) 3-Nitroaniline	14.52	138	159116	22.95 ng/ul#	83
49) Acenaphthene	14.68	153	585115	20.61 ng/ul	97
50) 2,4-Dinitrophenol	14.75	184	66795	19.82 ng/ul#	71
52) 4-Nitrophenol	14.85	109	59844	17.75 ng/ul#	23
53) Dibenzofuran	15.02	168	772383	20.44 ng/ul	95
54) 2,4-Dinitrotoluene	14.99	165	204309	21.66 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	117529	20.13 ng/ul#	77
56) Diethylphthalate	15.42	149	708103	21.67 ng/ul	98
58) Fluorene	15.66	166	642817	20.84 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.64	204	274691	20.43 ng/ul	96
60) 4-Nitroaniline	15.68	138	163976	21.45 ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.76	198	100605	19.47 ng/ul#	92
64) N-Nitrosodiphenylamine	15.86	169	559507	20.84 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	164668	20.20 ng/ul#	82
66) Hexachlorobenzene	16.67	284	173568	19.77 ng/ul#	89
67) Atrazine	16.81	200	181019	21.57 ng/ul#	91
68) Pentachlorophenol	17.02	266	78341	19.54 ng/ul	92
69) Phenanthrene	17.40	178	947372	20.59 ng/ul	99
71) Anthracene	17.49	178	970582	20.56 ng/ul	99
72) Carbazole	17.75	167	890014	22.30 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1153713	22.22 ng/ul#	96
74) Fluoranthene	19.40	202	965947	22.61 ng/ul#	78
77) Pyrene	19.76	202	968594	20.33 ng/ul#	74
78) Butylbenzylphthalate	20.63	149	516516	23.35 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.50	252	306186	22.43 ng/ul#	93
80) Benzo(a)anthracene	21.58	228	859486	20.70 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.47	149	735524	23.30 ng/ul#	98
82) Chrysene	21.65	228	790899	20.50 ng/ul	99
84) Di-n-octyl phthalate	22.65	149	1259905	25.66 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	850743	20.84 ng/ul#	94
86) Benzo(k)fluoranthene	23.83	252	860949	21.46 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	838429	20.87 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.38	276	990447	20.80 ng/ul#	82
90) Dibenzo(a,h)anthracene	28.44	278	837804	20.75 ng/ul#	87
91) Benzo(g,h,i)perylene	29.52	276	826100	20.92 ng/ul#	81

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

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