Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027950.D
Acq On : 17 Jul 2017 15:43
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02059

Quant Time: Jul 17 16:30:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 15:38:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	53616	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	222438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	148924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	378216	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	474296	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	440763	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	8780	9.03	ng/uL	0.00
5) Phenol-d5	7.52	99	85169	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	52034	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	70569	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	71585	19.63	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	32784	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.27	143	40651	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	78018	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	67284	19.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	269888	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	302851	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	36845	19.71	ng/ul	0.00
57) Fluorene-d10	15.97	176	248069	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	50695	19.30	ng/ul	0.00
70) Anthracene-d10	17.82	188	368255	20.19	ng/ul	0.00
76) Pyrene-d10	20.10	212	437096	20.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	422253	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	9102	7.715	ng/uL	91
4) Benzaldehyde	7.51	77	55345	20.254	ng/ul#	74
6) Phenol	7.54	94	84326	19.722	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.78	93	59950	19.454	ng/ul	91
10) 2-Chlorophenol	7.94	128	63796	19.824	ng/ul#	83
11) 2-Methylphenol	8.80	108	62050	19.763	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.89	45	117777	20.266	ng/ul	96
14) Acetophenone	9.19	105	101781	19.795	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.17	70	51917	19.693	ng/ul#	96
16) 4-Methylphenol	9.13	108	67208	19.533	ng/ul	99
17) Hexachloroethane	9.46	117	26593	20.520	ng/ul	88
20) Nitrobenzene	9.58	77	77358	20.445	ng/ul#	88
21) Isophorone	10.10	82	142718	20.708	ng/ul	95
23) 2-Nitrophenol	10.30	139	38931	20.542	ng/ul#	78
24) 2,4-Dimethylphenol	10.34	107	80089	20.196	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.57	93	83782	20.264	ng/ul#	93
27) 2,4-Dichlorophenol	10.83	162	75880	20.342	ng/ul#	93
28) Naphthalene	11.25	128	211987	20.111	ng/ul	99
30) 4-Chloroaniline	11.35	127	61322	19.025	ng/ul	98
31) Hexachlorobutadiene	11.52	225	59585	19.972	ng/ul	89
32) Caprolactam	12.09	113	22335	20.123	ng/ul	94
33) 4-Chloro-3-methylphenol	12.44	107	72635	20.425	ng/ul	87
34) 2-Methylnaphthalene	12.82	142	172571	20.246	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	116752	20.844 ng/ul#	91
37) Hexachlorocyclopentadiene	13.16	237	61526	18.564 ng/ul	99
38) 2,4,6-Trichlorophenol	13.42	196	69214	20.483 ng/ul	98
39) 2,4,5-Trichlorophenol	13.49	196	75546	20.806 ng/ul	98
40) 1,1'-Biphenyl	13.81	154	234177	20.577 ng/ul	97
41) 2-Chloronaphthalene	13.86	162	185614	20.631 ng/ul	96
42) 2-Nitroaniline	14.06	65	54279	21.111 ng/ul	90
44) Dimethylphthalate	14.42	163	245138	20.852 ng/ul	98
45) 2,6-Dinitrotoluene	14.54	165	48385	20.346 ng/ul#	85
47) Acenaphthylene	14.70	152	297946	20.667 ng/ul	98
48) 3-Nitroaniline	14.88	138	41864	20.253 ng/ul#	80
49) Acenaphthene	15.04	153	198646	20.365 ng/ul	96
50) 2,4-Dinitrophenol	15.08	184	24614	17.969 ng/ul#	76
52) 4-Nitrophenol	15.17	109	29058	19.290 ng/ul#	78
53) Dibenzofuran	15.37	168	293841	20.374 ng/ul	89
54) 2,4-Dinitrotoluene	15.33	165	72405	20.887 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.60	232	72374	20.918 ng/ul	94
56) Diethylphthalate	15.77	149	245721	20.044 ng/ul	97
58) Fluorene	16.02	166	254108	20.495 ng/ul	97
59) 4-Chlorophenyl-phenylether	16.00	204	141675	20.607 ng/ul#	80
60) 4-Nitroaniline	16.04	138	47621	19.413 ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.09	198	49195	19.586 ng/ul#	86
64) N-Nitrosodiphenylamine	16.22	169	212824	20.877 ng/ul	96
65) 4-Bromophenyl-phenylether	16.90	248	95070	20.626 ng/ul	94
66) Hexachlorobenzene	17.02	284	95973	19.805 ng/ul	95
67) Atrazine	17.15	200	88520	19.735 ng/ul	98
68) Pentachlorophenol	17.37	266	47096	17.890 ng/ul	97
69) Phenanthrene	17.76	178	399463	20.607 ng/ul	97
71) Anthracene	17.86	178	417383	21.006 ng/ul	99
72) Carbazole	18.13	167	340287	20.771 ng/ul	99
73) Di-n-butylphthalate	18.65	149	375490	20.904 ng/ul#	97
74) Fluoranthene	19.76	202	502809	21.190 ng/ul	97
77) Pyrene	20.13	202	524072	20.855 ng/ul#	96
78) Butylbenzylphthalate	21.00	149	166630	20.684 ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.94	252	156642	20.314 ng/ul#	97
80) Benzo(a)anthracene	22.04	228	530208	20.665 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.89	149	243186	21.184 ng/ul	98
82) Chrysene	22.11	228	484350	20.741 ng/ul	98
84) Di-n-octyl phthalate	23.20	149	405444	19.834 ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	516199	20.523 ng/ul	99
86) Benzo(k)fluoranthene	24.53	252	512237	20.763 ng/ul	97
88) Benzo(a)pyrene	25.41	252	502007	20.656 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	572261	20.763 ng/ul	96
90) Dibenzo(a,h)anthracene	29.68	278	474298	20.501 ng/ul	95
91) Benzo(g,h,i)perylene	30.88	276	462288	20.331 ng/ul#	93

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

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