Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030796.D
Acq On : 7 Nov 2017 4:19
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02089

Quant Time: Nov 07 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	71980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	334370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	211496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	505239	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	528841	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	538043	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	12776	7.21	ng/uL	0.00
5) Phenol-d5	7.32	99	121869	17.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	69606	16.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	101886	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	102941	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	49019	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	56730	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	110082	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	134812	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	322668	17.85	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	422012	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	52383	15.69	ng/ul	0.00
57) Fluorene-d10	15.76	176	305995	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	32474	13.17	ng/ul	0.00
70) Anthracene-d10	17.61	188	460552	19.27	ng/ul	0.00
76) Pyrene-d10	19.89	212	527199	19.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	496083	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	14143	6.549	ng/uL	90
4) Benzaldehyde	7.29	77	76288	17.871	ng/ul	91
6) Phenol	7.34	94	128283	17.945	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.56	93	93526	17.187	ng/ul	89
10) 2-Chlorophenol	7.72	128	99478	19.968	ng/ul#	88
11) 2-Methylphenol	8.60	108	97043	18.158	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.69	45	149639	18.762	ng/ul	97
14) Acetophenone	8.97	105	148278	17.402	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.96	70	77257	16.361	ng/ul#	96
16) 4-Methylphenol	8.93	108	104275	17.908	ng/ul	94
17) Hexachloroethane	9.24	117	34171	17.178	ng/ul	90
20) Nitrobenzene	9.36	77	112333	17.165	ng/ul#	86
21) Isophorone	9.89	82	217586	15.736	ng/ul	96
23) 2-Nitrophenol	10.08	139	58490	21.430	ng/ul#	78
24) 2,4-Dimethylphenol	10.13	107	114436	17.242	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.36	93	133268	16.011	ng/ul#	98
27) 2,4-Dichlorophenol	10.62	162	110216	20.537	ng/ul	97
28) Naphthalene	11.02	128	321663	18.181	ng/ul	99
30) 4-Chloroaniline	11.13	127	133158	20.898	ng/ul	95
31) Hexachlorobutadiene	11.30	225	79957	23.851	ng/ul	99
32) Caprolactam	11.87	113	36366	15.832	ng/ul	89
33) 4-Chloro-3-methylphenol	12.24	107	110093	17.484	ng/ul	93
34) 2-Methylnaphthalene	12.61	142	251847	17.196	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	147458	23.528 ng/ul	95
37) Hexachlorocyclopentadiene	12.95	237	6210	1.880 ng/ul	94
38) 2,4,6-Trichlorophenol	13.22	196	97302	22.409 ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	101037	22.039 ng/ul	99
40) 1,1'-Biphenyl	13.60	154	326292	18.712 ng/ul	94
41) 2-Chloronaphthalene	13.66	162	261796	19.835 ng/ul	95
42) 2-Nitroaniline	13.85	65	72658	17.574 ng/ul#	87
44) Dimethylphthalate	14.22	163	324766	18.415 ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	68534	22.216 ng/ul#	86
47) Acenaphthylene	14.50	152	406798	18.135 ng/ul	97
48) 3-Nitroaniline	14.67	138	73139	21.882 ng/ul#	76
49) Acenaphthene	14.83	153	275460	17.949 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	11842	7.172 ng/ul	85
52) 4-Nitrophenol	14.99	109	37709	14.970 ng/ul#	73
53) Dibenzofuran	15.17	168	402901	19.203 ng/ul	92
54) 2,4-Dinitrotoluene	15.13	165	97489	21.615 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.40	232	94796	23.514 ng/ul#	88
56) Diethylphthalate	15.57	149	325839	17.930 ng/ul	96
58) Fluorene	15.81	166	323501	19.328 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.80	204	176896	22.463 ng/ul#	87
60) 4-Nitroaniline	15.83	138	79298	19.299 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.90	198	33402	12.818 ng/ul#	82
64) N-Nitrosodiphenylamine	16.01	169	283846	18.835 ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	117568	23.066 ng/ul#	91
66) Hexachlorobenzene	16.82	284	128659	24.670 ng/ul	91
67) Atrazine	16.95	200	113961	19.914 ng/ul	98
68) Pentachlorophenol	17.17	266	60635	19.515 ng/ul	95
69) Phenanthrene	17.56	178	520584	19.060 ng/ul	97
71) Anthracene	17.65	178	543200	19.276 ng/ul	99
72) Carbazole	17.91	167	482758	19.058 ng/ul	99
73) Di-n-butylphthalate	18.45	149	568996	18.695 ng/ul	99
74) Fluoranthene	19.55	202	641590	21.019 ng/ul	99
77) Pyrene	19.91	202	645365	18.208 ng/ul	97
78) Butylbenzylphthalate	20.78	149	254135	17.684 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.67	252	219811	22.714 ng/ul#	98
80) Benzo(a)anthracene	21.77	228	651404	19.655 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.65	149	357267	17.155 ng/ul#	98
82) Chrysene	21.83	228	581588	19.313 ng/ul	98
84) Di-n-octyl phthalate	22.88	149	614003	17.056 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	645199	19.975 ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	623423	19.962 ng/ul	99
88) Benzo(a)pyrene	24.94	252	623985	19.846 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.89	276	725670	20.400 ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	625843	21.179 ng/ul	97
91) Benzo(g,h,i)perylene	30.07	276	553720	18.779 ng/ul	97

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

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