Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110317\
Data File : BG030687.D
Acq On : 3 Nov 2017 6:48
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02082

Quant Time: Nov 03 08:02:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	59375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	289073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	193797	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	461933	20.00	ng/ul	-0.01
75) Chrysene-d12	21.78	240	506783	20.00	ng/ul	-0.01
83) Perylene-d12	25.08	264	523048	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	10936	7.49	ng/uL	-0.01
5) Phenol-d5	7.31	99	101938	17.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	59374	16.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.68	132	80050	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	89664	19.48	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	41815	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	46273	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	95676	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	100840	17.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	297558	17.96	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	384996	19.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	48929	16.00	ng/ul	0.00
57) Fluorene-d10	15.76	176	275859	20.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	47326	20.99	ng/ul	0.00
70) Anthracene-d10	17.61	188	425502	19.48	ng/ul	0.00
76) Pyrene-d10	19.88	212	490474	18.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.85	264	479722	19.36	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	11334	6.363	ng/uL	89
4) Benzaldehyde	7.29	77	62703	17.807	ng/ul	93
6) Phenol	7.33	94	109309	18.537	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.56	93	81443	18.144	ng/ul	90
10) 2-Chlorophenol	7.72	128	82393	20.049	ng/ul#	85
11) 2-Methylphenol	8.59	108	81516	18.490	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.68	45	125030	19.005	ng/ul#	97
14) Acetophenone	8.97	105	128679	18.307	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.95	70	67646	17.367	ng/ul#	92
16) 4-Methylphenol	8.92	108	89984	18.735	ng/ul	95
17) Hexachloroethane	9.24	117	29744	18.127	ng/ul	87
20) Nitrobenzene	9.36	77	96291	17.019	ng/ul#	86
21) Isophorone	9.88	82	187835	15.713	ng/ul#	92
23) 2-Nitrophenol	10.08	139	51409	21.787	ng/ul#	72
24) 2,4-Dimethylphenol	10.13	107	100129	17.450	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.36	93	117801	16.370	ng/ul#	97
27) 2,4-Dichlorophenol	10.61	162	95455	20.574	ng/ul	92
28) Naphthalene	11.02	128	276893	18.103	ng/ul	99
30) 4-Chloroaniline	11.12	127	103654	18.816	ng/ul	92
31) Hexachlorobutadiene	11.30	225	62214	21.466	ng/ul	97
32) Caprolactam	11.87	113	32281	16.256	ng/ul	96
33) 4-Chloro-3-methylphenol	12.23	107	98824	18.154	ng/ul#	88
34) 2-Methylnaphthalene	12.61	142	220006	17.376	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	128976	22.458	ng/ul#	90
37) Hexachlorocyclopentadiene	12.95	237	44889	14.828	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	84861	21.329	ng/ul	95
39) 2,4,5-Trichlorophenol	13.28	196	90296	21.495	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	299281	18.731	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	232807	19.249	ng/ul	96
42) 2-Nitroaniline	13.85	65	62014	16.369	ng/ul#	83
44) Dimethylphthalate	14.21	163	301290	18.644	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	63082	22.317	ng/ul#	84
47) Acenaphthylene	14.49	152	372813	18.138	ng/ul	96
48) 3-Nitroaniline	14.66	138	61488	20.076	ng/ul#	84
49) Acenaphthene	14.84	153	253020	17.993	ng/ul	99
50) 2,4-Dinitrophenol	14.88	184	23966	15.841	ng/ul#	73
52) 4-Nitrophenol	14.98	109	35163	15.235	ng/ul#	80
53) Dibenzofuran	15.16	168	372922	19.397	ng/ul	93
54) 2,4-Dinitrotoluene	15.12	165	91747	22.200	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.39	232	82684	22.383	ng/ul#	87
56) Diethylphthalate	15.57	149	300413	18.040	ng/ul	97
58) Fluorene	15.82	166	296437	19.328	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.80	204	164159	22.750	ng/ul	89
60) 4-Nitroaniline	15.83	138	67149	17.835	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.89	198	51385	21.568	ng/ul#	78
64) N-Nitrosodiphenylamine	16.01	169	261767	18.999	ng/ul	97
65) 4-Bromophenyl-phenylether	16.69	248	104962	22.523	ng/ul#	91
66) Hexachlorobenzene	16.82	284	117005	24.539	ng/ul#	91
67) Atrazine	16.95	200	105574	20.178	ng/ul	97
68) Pentachlorophenol	17.16	266	55180	19.424	ng/ul	93
69) Phenanthrene	17.55	178	480693	19.250	ng/ul	98
71) Anthracene	17.64	178	495528	19.233	ng/ul	100
72) Carbazole	17.91	167	434465	18.759	ng/ul	99
73) Di-n-butylphthalate	18.45	149	508467	18.273	ng/ul	99
74) Fluoranthene	19.55	202	587980	21.068	ng/ul	100
77) Pyrene	19.91	202	610889	17.986	ng/ul	98
78) Butylbenzylphthalate	20.78	149	233785	16.976	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.67	252	211617	22.819	ng/ul#	97
80) Benzo(a)anthracene	21.76	228	616648	19.416	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	332826	16.677	ng/ul#	99
82) Chrysene	21.83	228	562547	19.494	ng/ul	99
84) Di-n-octyl phthalate	22.88	149	578055	16.518	ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	621108	19.780	ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	603654	19.883	ng/ul	98
88) Benzo(a)pyrene	24.93	252	606034	19.828	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	721520	20.865	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	606643	21.117	ng/ul	96
91) Benzo(g,h,i)perylene	30.05	276	595818	20.786	ng/ul	96

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

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