Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042244.D
Acq On : 16 Aug 2019 00:41
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02061

Quant Time: Aug 16 01:51:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	282614	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	194453	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	396744	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	385901	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	454023	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	9531	6.06	ng/uL	0.00
5) Phenol-d5	7.18	99	99386	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49319	16.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	91514	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	84938	18.75	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	43820	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	54604	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	109613	21.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	119922	21.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	294518	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	360159	20.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	41570	16.42	ng/ul	0.00
57) Fluorene-d10	15.68	176	263816	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37751	14.83	ng/ul	0.00
70) Anthracene-d10	17.54	188	398126	20.92	ng/ul	0.00
78) Pyrene-d10	19.83	212	431723	20.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	480380	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10377	6.374	ng/uL#	85
4) Benzaldehyde	7.15	77	49386	19.371	ng/ul	92
6) Phenol	7.21	94	101717	18.262	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.44	93	75087	17.720	ng/ul	89
10) 2-Chlorophenol	7.59	128	92367	19.752	ng/ul	94
11) 2-Methylphenol	8.48	108	83105	18.610	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.56	45	100748	14.056	ng/ul#	89
14) Acetophenone	8.85	105	128787	18.484	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.83	70	59266	16.102	ng/ul	95
16) 4-Methylphenol	8.81	108	88247	18.292	ng/ul	97
17) Hexachloroethane	9.12	117	35143	18.149	ng/ul	93
20) Nitrobenzene	9.23	77	86894	17.933	ng/ul	92
21) Isophorone	9.76	82	167339	17.321	ng/ul	94
23) 2-Nitrophenol	9.96	139	57429	21.762	ng/ul	92
24) 2,4-Dimethylphenol	10.02	107	99597	19.128	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.24	93	104955	18.298	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	103599	20.951	ng/ul	98
28) Naphthalene	10.90	128	287512	19.900	ng/ul	99
30) 4-Chloroaniline	11.01	127	116677	20.982	ng/ul	100
31) Hexachlorobutadiene	11.19	225	79727	21.236	ng/ul	98
32) Caprolactam	11.76	113	29952	18.722	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.14	107	90332	18.541	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	228569	19.904	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	150047	21.582 ng/ul#	97
37) Hexachlorocyclopentadiene	12.86	237	79278	18.061 ng/ul	92
38) 2,4,6-Trichlorophenol	13.12	196	93291	21.682 ng/ul	96
39) 2,4,5-Trichlorophenol	13.20	196	94253	19.639 ng/ul	97
40) 1,1'-Biphenyl	13.52	154	293408	20.751 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	239724	21.056 ng/ul	96
42) 2-Nitroaniline	13.76	65	50840	17.070 ng/ul	83
44) Dimethylphthalate	14.13	163	289065	19.304 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	66147	20.309 ng/ul	94
47) Acenaphthylene	14.40	152	344650	19.821 ng/ul	98
48) 3-Nitroaniline	14.59	138	57545	22.154 ng/ul	95
49) Acenaphthene	14.75	153	242736	19.965 ng/ul	100
50) 2,4-Dinitrophenol	14.80	184	23601	13.242 ng/ul	93
52) 4-Nitrophenol	14.90	109	27811	14.821 ng/ul	89
53) Dibenzofuran	15.09	168	358184	19.740 ng/ul	98
54) 2,4-Dinitrotoluene	15.05	165	89739	18.949 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.32	232	86097	18.930 ng/ul	98
56) Diethylphthalate	15.50	149	274203	18.408 ng/ul	97
58) Fluorene	15.74	166	281326	19.249 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.73	204	164890	19.429 ng/ul	98
60) 4-Nitroaniline	15.75	138	60443	20.887 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	39890	14.546 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	251720	21.385 ng/ul	100
65) 4-Bromophenyl-phenylether	16.62	248	115165	21.926 ng/ul	97
66) Hexachlorobenzene	16.75	284	116510	22.086 ng/ul	94
67) Atrazine	16.89	200	106967	21.684 ng/ul	97
68) Pentachlorophenol	17.10	266	57483	20.007 ng/ul	98
69) Phenanthrene	17.48	178	447364	20.597 ng/ul	99
71) Anthracene	17.57	178	457076	20.749 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	149708	23.679 ng/uL	99
73) Pentachlorobenzene	15.01	250	151537	23.705 ng/uL	99
74) Carbazole	17.84	167	386657	21.189 ng/ul	99
75) Di-n-butylphthalate	18.40	149	443194	19.706 ng/ul	99
76) Fluoranthene	19.49	202	529591	21.103 ng/ul	97
79) Pyrene	19.86	202	525381	20.240 ng/ul	96
80) Butylbenzylphthalate	20.74	149	192167	18.808 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.61	252	189048	21.554 ng/ul	96
82) Benzo(a)anthracene	21.70	228	538889	20.141 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	275215	19.742 ng/ul	99
84) Chrysene	21.77	228	505864	20.257 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	470538	20.947 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	556346	19.526 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	554494	20.241 ng/ul	99
90) Benzo(a)pyrene	24.85	252	544377	20.050 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	569494	17.983 ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	475228	18.397 ng/ul	99
93) Benzo(g,h,i)perylene	29.90	276	407348	15.407 ng/ul	97

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

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