Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046239.D
Acq On : 12 Aug 2020 20:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02043

Quant Time: Aug 13 00:35:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:32:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	406977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	260245	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	587835	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	619138	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	687963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	16387	7.75	ng/uL	0.00
5) Phenol-d5	7.11	99	164662	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	94115	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	136121	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	131877	19.08	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	63498	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	75588	25.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	142613	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	164753	22.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	400246	19.72	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	491392	20.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	68576	20.69	ng/ul	0.00
58) Fluorene-d10	15.57	176	369654	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	69502	23.62	ng/ul	0.00
71) Anthracene-d10	17.41	188	559002	20.62	ng/ul	0.00
79) Pyrene-d10	19.70	212	654409	19.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	750591	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	21135	8.167	ng/uL	96
4) Benzaldehyde	7.09	77	111282	19.055	ng/ul	97
6) Phenol	7.14	94	166998	19.793	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.37	93	137489	19.910	ng/ul	99
10) 2-Chlorophenol	7.52	128	136591	20.550	ng/ul	99
11) 2-Methylphenol	8.39	108	130732	19.229	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.48	45	209758	17.972	ng/ul	96
14) Acetophenone	8.76	105	196288	19.250	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.75	70	100133	18.149	ng/ul	96
16) 4-Methylphenol	8.72	108	138882	19.067	ng/ul	94
17) Hexachloroethane	9.03	117	55751	19.767	ng/ul	97
20) Nitrobenzene	9.15	77	152222	20.620	ng/ul	98
21) Isophorone	9.67	82	282676	19.594	ng/ul	99
23) 2-Nitrophenol	9.86	139	78227	23.794	ng/ul	99
24) 2,4-Dimethylphenol	9.92	107	145447	19.964	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.15	93	175977	19.284	ng/ul	99
27) 2,4-Dichlorophenol	10.39	162	142151	21.699	ng/ul	98
28) Naphthalene	10.80	128	426508	19.582	ng/ul	98
30) 4-Chloroaniline	10.90	127	159719	22.183	ng/ul	100
31) Hexachlorobutadiene	11.10	225	106660	21.157	ng/ul	98
32) Caprolactam	11.64	113	44117	19.976	ng/ul	98
33) 4-Chloro-3-methylphenol	12.03	107	137055	20.404	ng/ul	97
34) 2-Methylnaphthalene	12.40	142	321004	19.604	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.62	142	310304	19.188	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	193012	21.453	ng/ul	98
38) Hexachlorocyclopentadiene	12.76	237	110037	21.361	ng/ul	99
39) 2,4,6-Trichlorophenol	13.01	196	121542	23.110	ng/ul	99
40) 2,4,5-Trichlorophenol	13.08	196	127256	22.259	ng/ul	99
41) 1,1'-Biphenyl	13.41	154	401772	19.954	ng/ul	98
42) 2-Chloronaphthalene	13.45	162	331024	20.605	ng/ul	98
43) 2-Nitroaniline	13.65	65	83123	21.949	ng/ul	96
45) Dimethylphthalate	14.03	163	403813	19.838	ng/ul	98
46) 2,6-Dinitrotoluene	14.14	165	88235	22.730	ng/ul	90
48) Acenaphthylene	14.30	152	496283	20.136	ng/ul	99
49) 3-Nitroaniline	14.47	138	80108	21.907	ng/ul	99
50) Acenaphthene	14.64	153	349529	19.697	ng/ul	98
51) 2,4-Dinitrophenol	14.68	184	38213	22.238	ng/ul	96
53) 4-Nitrophenol	14.78	109	47181	19.835	ng/ul	95
54) Dibenzofuran	14.97	168	484855	20.036	ng/ul	100
55) 2,4-Dinitrotoluene	14.93	165	121583	21.994	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.20	232	121290	22.753	ng/ul	93
57) Diethylphthalate	15.39	149	396958	19.743	ng/ul	98
59) Fluorene	15.62	166	404730	19.722	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.62	204	217512	20.175	ng/ul	95
61) 4-Nitroaniline	15.63	138	85615	21.002	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.69	198	72066	22.997	ng/ul	99
65) N-Nitrosodiphenylamine	15.83	169	349550	20.451	ng/ul	98
66) 4-Bromophenyl-phenylether	16.51	248	152614	20.892	ng/ul	97
67) Hexachlorobenzene	16.63	284	171145	20.755	ng/ul	99
68) Atrazine	16.77	200	145632	21.314	ng/ul	96
69) Pentachlorophenol	16.97	266	99678	22.679	ng/ul	95
70) Phenanthrene	17.36	178	660468	20.132	ng/ul	99
72) Anthracene	17.45	178	666719	20.396	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	190928	21.629	ng/uL	99
74) Pentachlorobenzene	14.90	250	190059	21.320	ng/uL	98
75) Carbazole	17.71	167	590528	22.512	ng/ul	99
76) Di-n-butylphthalate	18.29	149	690685	21.400	ng/ul	99
77) Fluoranthene	19.36	202	834610	23.193	ng/ul	99
80) Pyrene	19.73	202	822154	19.638	ng/ul	100
81) Butylbenzylphthalate	20.62	149	317381	22.087	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.46	252	315542	23.745	ng/ul	98
83) Benzo(a)anthracene	21.54	228	840316	20.609	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	459224	21.968	ng/ul	99
85) Chrysene	21.61	228	807391	20.370	ng/ul	100
87) Di-n-octyl phthalate	22.65	149	803260	22.345	ng/ul	100
88) Benzo(b)fluoranthene	23.69	252	913574	19.656	ng/ul	99
89) Benzo(k)fluoranthene	23.75	252	910926	19.961	ng/ul	99
91) Benzo(a)pyrene	24.52	252	843291	19.785	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.18	276	1054497	19.811	ng/ul	97
93) Dibenzo(a,h)anthracene	28.24	278	865857	19.884	ng/ul	97
94) Benzo(g,h,i)perylene	29.27	276	878484	19.526	ng/ul	100

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

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