Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048272.D
Acq On : 22 Feb 2021 17:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02046

Manual Integrations APPROVED
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2/23/2021 3:42:45 PM

Quant Time: Feb 22 18:09:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	142405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	99166	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	233616	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	246822	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	240882	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6528	7.45	ng/uL	0.00
5) Phenol-d5	7.32	99	64302	20.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.44	67	37610	20.53	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	45802	21.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	49655	20.58	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	23957	22.52	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	28506	22.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	55088	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	60565	24.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	152333	20.74	ng/ul	0.01
47) Acenaphthylene-d8	14.44	160	191559	21.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	23984	19.22	ng/ul	0.01
58) Fluorene-d10	15.74	176	139899	21.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	30362	21.20	ng/ul	0.00
71) Anthracene-d10	17.59	188	217224	21.69	ng/ul	0.00
79) Pyrene-d10	19.87	212	250563	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.85	264	257871	20.98	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	7362	7.321	ng/uL#	78
4) Benzaldehyde	7.26	77	46273	25.589	ng/ul	98
6) Phenol	7.35	94	66492	20.938	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.54	93	49483	20.632	ng/ul#	88
10) 2-Chlorophenol	7.70	128	48029	21.028	ng/ul	99
11) 2-Methylphenol	8.60	108	49852	21.697	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.64	45	66507	21.216	ng/ul	95
14) Acetophenone	8.95	105	83560	21.264	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	45651	20.920	ng/ul	94
16) 4-Methylphenol	8.93	108	51986	20.967	ng/ul	91
17) Hexachloroethane	9.20	117	19402	19.017	ng/ul#	81
20) Nitrobenzene	9.34	77	72676	22.431	ng/ul	99
21) Isophorone	9.86	82	110512	19.306	ng/ul	98
23) 2-Nitrophenol	10.05	139	29216	22.268	ng/ul	98
24) 2,4-Dimethylphenol	10.12	107	64314	22.150	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.34	93	65513	20.303	ng/ul	98
27) 2,4-Dichlorophenol	10.61	162	51903	21.530	ng/ul	91
28) Naphthalene	10.99	128	154107	21.455	ng/ul	97
30) 4-Chloroaniline	11.11	127	60683	23.757	ng/ul	95
31) Hexachlorobutadiene	11.26	225	43576	20.726	ng/ul	98
32) Caprolactam	11.89	113	15339	18.234	ng/ul	90
33) 4-Chloro-3-methylphenol	12.26	107	56480	21.162	ng/ul	96
34) 2-Methylnaphthalene	12.58	142	113366	20.764	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	107714	20.396 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	79275	22.223 ng/ul	93
38) Hexachlorocyclopentadiene	12.91	237	38655	16.807 ng/ul	96
39) 2,4,6-Trichlorophenol	13.20	196	51473	23.433 ng/ul	96
40) 2,4,5-Trichlorophenol	13.29	196	53779	24.091 ng/ul	95
41) 1,1'-Biphenyl	13.58	154	148718	21.862 ng/ul	97
42) 2-Chloronaphthalene	13.63	162	126555	22.579 ng/ul	96
43) 2-Nitroaniline	13.85	65	45393	23.418 ng/ul	97
45) Dimethylphthalate	14.20	163	155974	20.541 ng/ul	97
46) 2,6-Dinitrotoluene	14.33	165	34307	21.482 ng/ul	90
48) Acenaphthylene	14.48	152	175075	21.801 ng/ul	98
49) 3-Nitroaniline	14.68	138	32601	24.220 ng/ul#	99
50) Acenaphthene	14.81	153	127895	21.220 ng/ul	90
51) 2,4-Dinitrophenol	14.89	184	23109	23.171 ng/ul	92
53) 4-Nitrophenol	15.04	109	32512	23.073 ng/ul	95
54) Dibenzofuran	15.15	168	187550	21.321 ng/ul	99
55) 2,4-Dinitrotoluene	15.12	165	49304	21.494 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.39	232	48287	21.159 ng/ul#	93
57) Diethylphthalate	15.55	149	154866	19.757 ng/ul	100
59) Fluorene	15.79	166	145905	20.517 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.78	204	90884	21.303 ng/ul	99
61) 4-Nitroaniline	15.84	138	33143	21.872 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.89	198	30771	21.559 ng/ul#	92
65) N-Nitrosodiphenylamine	16.00	169	134256	22.391 ng/ul	97
66) 4-Bromophenyl-phenylether	16.68	248	60661	21.968 ng/ul	98
67) Hexachlorobenzene	16.80	284	62320	21.292 ng/ul	94
68) Atrazine	16.95	200	51102	19.059 ng/ul	92
69) Pentachlorophenol	17.16	266	32917	20.141 ng/ul	96
70) Phenanthrene	17.54	178	253927	21.634 ng/ul	98
72) Anthracene	17.63	178	262461	22.167 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	79761	22.850 ng/uL	98
74) Pentachlorobenzene	15.07	250	76569	22.371 ng/uL	98
75) Carbazole	17.91	167	226683	22.893 ng/ul	99
76) Di-n-butylphthalate	18.44	149	257767	21.341 ng/ul	99
77) Fluoranthene	19.54	202	318716	22.270 ng/ul	99
80) Pyrene	19.90	202	315257	20.558 ng/ul	98
81) Butylbenzylphthalate	20.77	149	114153	21.273 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.67	252	112441	22.266 ng/ul	98
83) Benzo(a)anthracene	21.76	228	328934	21.331 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	157174	20.172 ng/ul	100
85) Chrysene	21.82	228	316625	21.485 ng/ul	98
87) Di-n-octyl phthalate	22.87	149	275114	22.242 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	319712	21.136 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	319040m	21.536 ng/ul	
91) Benzo(a)pyrene	24.92	252	281370	21.141 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.85	276	361479m	21.231 ng/ul	
93) Dibenzo(a,h)anthracene	28.91	278	305331	21.445 ng/ul#	96
94) Benzo(g,h,i)perylene	30.04	276	283829	20.046 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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