Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031121\
Data File : BG048357.D
Acq On : 11 Mar 2021 12:22
Operator : CG/JU
Sample : SSTD02004
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020004

Manual Integrations APPROVED
mohammad
3/12/2021 12:04:18 PM

Quant Time: Mar 11 13:52:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 13:21:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49716	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	204489	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	153588	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	394671	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	435272	20.00	ng/ul	0.00
88) Perylene-d12	25.16	264	434357	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8184	7.51	ng/uL	0.00
4) Pyridine-d5	3.93	84	65257	18.54	ng/ul	0.00
7) Phenol-d5	7.25	99	77556	17.23	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	49572	17.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	56280	17.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	65637	18.53	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	25340	15.06	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	27678	13.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.56	165	71341	18.59	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	84553	17.43	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	228423	18.29	ng/ul	0.00
49) Acenaphthylene-d8	14.46	160	252363	18.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	32514	12.51	ng/ul	0.00
60) Fluorene-d10	15.76	176	199871	17.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	31521	11.72	ng/ul	0.00
73) Anthracene-d10	17.61	188	329401	17.37	ng/ul	0.00
81) Pyrene-d10	19.90	212	407208	17.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.93	264	429610	17.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	9039	6.642	ng/uL	100
5) Pyridine	3.95	79	66531	18.233	ng/ul	100
6) Benzaldehyde	7.25	77	64833	24.276	ng/ul	100
8) Phenol	7.28	94	86578	18.381	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.54	93	61170	16.819	ng/ul	100
12) 2-Chlorophenol	7.68	128	59822	18.234	ng/ul	100
13) 2-Methylphenol	8.55	108	62643	18.121	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.65	45	75302	15.060	ng/ul	100
16) Acetophenone	8.95	105	110549	18.068	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.93	70	64794	18.987	ng/ul	100
18) 4-Methylphenol	8.88	108	67745	18.624	ng/ul	100
19) Hexachloroethane	9.22	117	26315	17.056	ng/ul	100
22) Nitrobenzene	9.33	77	84746	16.015	ng/ul	100
23) Isophorone	9.86	82	175574	18.851	ng/ul	100
25) 2-Nitrophenol	10.04	139	30947	14.169	ng/ul	100
26) 2,4-Dimethylphenol	10.10	107	85146	18.352	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.34	93	87247	17.384	ng/ul	100
29) 2,4-Dichlorophenol	10.58	162	65964	17.455	ng/ul	100
30) Naphthalene	11.00	128	195713	17.325	ng/ul	100
32) 4-Chloroaniline	11.10	127	81700	16.898	ng/ul	100
33) Hexachlorobutadiene	11.28	225	62644	18.564	ng/ul	100
34) Caprolactam	11.85	113	23132m	17.079	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.20	107	76765	18.594	ng/ul	100
36) 2-Methylnaphthalene	12.59	142	150768	18.007	ng/ul	100
37) 1-Methylnaphthalene	12.82	142	150038	17.803	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	109266	17.963	ng/ul	100
40) Hexachlorocyclopentadiene	12.94	237	76324	19.485	ng/ul	100
41) 2,4,6-Trichlorophenol	13.19	196	65172	17.297	ng/ul	100
42) 2,4,5-Trichlorophenol	13.26	196	71678	18.653	ng/ul	100
43) 1,1'-Biphenyl	13.60	154	207541	18.045	ng/ul	100
44) 2-Chloronaphthalene	13.64	162	162620	16.741	ng/ul	100
45) 2-Nitroaniline	13.83	65	50648	13.810	ng/ul	100
47) Dimethylphthalate	14.21	163	231503	17.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.33	165	39978	14.651	ng/ul	100
50) Acenaphthylene	14.49	152	241850	17.600	ng/ul	100
51) 3-Nitroaniline	14.65	138	39877	16.764	ng/ul	100
52) Acenaphthene	14.83	153	176169	17.429	ng/ul	100
53) 2,4-Dinitrophenol	14.86	184	24787	16.420	ng/ul	100
55) 4-Nitrophenol	14.94	109	41322	16.045	ng/ul	100
56) Dibenzofuran	15.16	168	252894	17.025	ng/ul	100
57) 2,4-Dinitrotoluene	15.11	165	58135	14.632	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	66503	18.724	ng/ul	100
59) Diethylphthalate	15.57	149	231780	17.206	ng/ul	100
61) Fluorene	15.81	166	214490	17.819	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.80	204	130418	17.717	ng/ul	100
63) 4-Nitroaniline	15.81	138	41867	18.563	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.87	198	34772	13.001	ng/ul	100
67) N-Nitrosodiphenylamine	16.01	169	198970	17.844	ng/ul	100
68) 4-Bromophenyl-phenylether	16.70	248	88468	17.695	ng/ul	100
69) Hexachlorobenzene	16.81	284	95370	17.631	ng/ul	100
70) Atrazine	16.96	200	90436	17.135	ng/ul	100
71) Pentachlorophenol	17.15	266	57480	25.539	ng/ul	100
72) Phenanthrene	17.56	178	367705	16.650	ng/ul	100
74) Anthracene	17.65	178	376135	16.942	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	112461	17.060	ng/uL	100
76) Pentachlorobenzene	15.08	250	118533	17.831	ng/uL	100
77) Carbazole	17.91	167	327243	16.888	ng/ul	100
78) Di-n-butylphthalate	18.48	149	403388	16.945	ng/ul	100
80) Fluoranthene	19.56	202	508722	17.563	ng/ul	100
82) Pyrene	19.93	202	502543	17.415	ng/ul	100
83) Butylbenzylphthalate	20.81	149	176900	16.452	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.70	252	206397	19.834	ng/ul	100
85) Benzo(a)anthracene	21.80	228	518420	17.571	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.70	149	261276	17.057	ng/ul	100
87) Chrysene	21.86	228	503920	17.503	ng/ul	100
89) Di-n-octyl phthalate	22.96	149	434534	16.539	ng/ul	100
90) Benzo(b)fluoranthene	24.09	252	528534	17.579	ng/ul	100
91) Benzo(k)fluoranthene	24.16	252	517640	17.773	ng/ul	100
93) Benzo(a)pyrene	25.00	252	458213	17.389	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.99	276	586893m	17.271	ng/ul	
95) Dibenzo(a,h)anthracene	29.07	278	492196	17.291	ng/ul	100
96) Benzo(g,h,i)perylene	30.19	276	489299	17.564	ng/ul	100

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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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