Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047817.D
Acq On : 24 Dec 2020 3:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
mohammad
12/24/2020 10:44:33 AM

Quant Time: Dec 24 04:03:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	33331	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	122547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	92790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	230031	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	220698	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	223806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5192	8.30	ng/uL	0.00
5) Phenol-d5	7.33	99	54290	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	29091	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	41561	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	41102	18.15	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	18880	18.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	24168	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	50830	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	48308	20.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	151889	18.85	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	176358	19.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	22681	18.97	ng/ul	0.00
58) Fluorene-d10	15.81	176	141825	19.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	28473	18.29	ng/ul	0.00
71) Anthracene-d10	17.66	188	222270	19.37	ng/ul	0.00
79) Pyrene-d10	19.92	212	254132	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	262550	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5122m	7.935	ng/uL	
4) Benzaldehyde	7.33	77	21121	13.953	ng/ul	92
6) Phenol	7.36	94	50713	18.817	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.60	93	37800	20.158	ng/ul#	85
10) 2-Chlorophenol	7.76	128	39459	18.526	ng/ul#	89
11) 2-Methylphenol	8.63	108	42247	19.721	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.72	45	35561	20.248	ng/ul	96
14) Acetophenone	9.02	105	65414	18.313	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.00	70	35117	17.789	ng/ul#	87
16) 4-Methylphenol	8.96	108	42774	18.692	ng/ul	94
17) Hexachloroethane	9.30	117	19190	18.429	ng/ul#	55
20) Nitrobenzene	9.41	77	59814	18.917	ng/ul	93
21) Isophorone	9.93	82	106398	19.583	ng/ul#	93
23) 2-Nitrophenol	10.12	139	25133	20.406	ng/ul	92
24) 2,4-Dimethylphenol	10.18	107	55623	18.856	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.41	93	48109	19.331	ng/ul	93
27) 2,4-Dichlorophenol	10.66	162	45408	20.531	ng/ul	95
28) Naphthalene	11.08	128	132712	19.420	ng/ul#	94
30) 4-Chloroaniline	11.18	127	46220	20.827	ng/ul	100
31) Hexachlorobutadiene	11.36	225	45681	18.914	ng/ul	97
32) Caprolactam	11.91	113	15039m	20.185	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	50089	18.602	ng/ul	97
34) 2-Methylnaphthalene	12.67	142	98578	18.724	ng/ul	99

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35) 1-Methylnaphthalene	12.88	142	116114	19.023	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	72653	19.702	ng/ul	94
38) Hexachlorocyclopentadiene	13.00	237	43131	16.751	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.26	196	44124	18.325	ng/ul#	88
40) 2,4,5-Trichlorophenol	13.33	196	49362	19.820	ng/ul	92
41) 1,1'-Biphenyl	13.66	154	135838	19.447	ng/ul	97
42) 2-Chloronaphthalene	13.70	162	111824	19.773	ng/ul	97
43) 2-Nitroaniline	13.90	65	39026	19.311	ng/ul	100
45) Dimethylphthalate	14.26	163	151281	18.529	ng/ul	99
46) 2,6-Dinitrotoluene	14.38	165	31785	18.198	ng/ul	98
48) Acenaphthylene	14.54	152	161303	18.890	ng/ul#	92
49) 3-Nitroaniline	14.71	138	21932	18.404	ng/ul#	82
50) Acenaphthene	14.88	153	116815	19.354	ng/ul	96
51) 2,4-Dinitrophenol	14.92	184	15788	15.657	ng/ul	98
53) 4-Nitrophenol	15.01	109	37581	19.102	ng/ul	96
54) Dibenzofuran	15.21	168	162025	18.399	ng/ul	92
55) 2,4-Dinitrotoluene	15.17	165	42312	17.169	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.44	232	44262	18.998	ng/ul#	94
57) Diethylphthalate	15.61	149	143798	18.045	ng/ul	98
59) Fluorene	15.86	166	141264	18.761	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.85	204	86097	18.296	ng/ul	95
61) 4-Nitroaniline	15.86	138	22535	16.950	ng/ul	83
64) 4,6-Dinitro-2-methylphenol	15.93	198	28863	18.384	ng/ul#	98
65) N-Nitrosodiphenylamine	16.06	169	126777	19.994	ng/ul	95
66) 4-Bromophenyl-phenylether	16.74	248	58019	19.558	ng/ul	94
67) Hexachlorobenzene	16.86	284	62869	19.433	ng/ul	96
68) Atrazine	16.99	200	58997	20.083	ng/ul	91
69) Pentachlorophenol	17.20	266	30052m	21.484	ng/ul	
70) Phenanthrene	17.60	178	246186	19.746	ng/ul	99
72) Anthracene	17.69	178	244431	19.668	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	73851	20.489	ng/uL	98
74) Pentachlorobenzene	15.14	250	72068	20.057	ng/uL	90
75) Carbazole	17.95	167	196299	19.807	ng/ul	97
76) Di-n-butylphthalate	18.49	149	240393	18.988	ng/ul	99
77) Fluoranthene	19.60	202	320575	20.208	ng/ul	99
80) Pyrene	19.95	202	322732	20.106	ng/ul	100
81) Butylbenzylphthalate	20.82	149	106382	19.919	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	92324	18.305	ng/ul	92
83) Benzo(a)anthracene	21.81	228	308470	19.564	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	147890	19.731	ng/ul	99
85) Chrysene	21.88	228	294439	19.786	ng/ul	97
87) Di-n-octyl phthalate	22.94	149	242158	20.531	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	317321	20.311	ng/ul	100
89) Benzo(k)fluoranthene	24.18	252	308037m	19.895	ng/ul	
91) Benzo(a)pyrene	25.02	252	280417	19.904	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.01	276	338999	19.731	ng/ul	96
93) Dibenzo(a,h)anthracene	29.07	278	282766	19.635	ng/ul	93
94) Benzo(g,h,i)perylene	30.21	276	281552m	19.960	ng/ul	

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

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