Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030157.D
Acq On : 22 May 2021 19:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020055

Manual Integrations APPROVED
mohammad
5/24/2021 1:54:10 PM

Quant Time: May 24 02:55:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 24 02:23:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	173747	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.27	136	814683	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.16	164	555192	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.90	188	1144493	20.00	ng/ul	-0.01
79) Chrysene-d12	21.10	240	1092893	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	924951	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	32047	7.37	ng/uL	0.00
4) Pyridine-d5	3.45	84	188870	17.34	ng/ul	0.00
7) Phenol-d5	6.69	99	291405	18.04	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.86	67	191612	19.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.04	132	241582	19.37	ng/ul	-0.01
15) 4-Methylphenol-d8	8.22	113	245459	18.37	ng/ul	-0.01
21) Nitrobenzene-d5	8.66	128	114652	20.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.37	143	130055	20.52	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.91	165	244922	19.28	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.43	131	341821	17.68	ng/ul	-0.01
46) Dimethylphthalate-d6	13.58	166	782718	18.19	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	992959	18.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.39	143	112247	16.01	ng/ul	-0.01
60) Fluorene-d10	15.16	176	662030	18.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	134620	18.11	ng/ul	0.00
73) Anthracene-d10	17.00	188	1025614	17.80	ng/ul	0.00
81) Pyrene-d10	19.30	212	1121086	20.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.10	264	982653	18.74	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	34598	7.348	ng/uL	93
5) Pyridine	3.46	79	195295	17.479	ng/ul	97
6) Benzaldehyde	6.66	77	175123	20.996	ng/ul	98
8) Phenol	6.72	94	301194	18.258	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.95	93	239201	18.339	ng/ul	99
12) 2-Chlorophenol	7.08	128	244767	19.246	ng/ul	97
13) 2-Methylphenol	7.96	108	228980	18.320	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.03	45	416807	21.214	ng/ul	97
16) Acetophenone	8.33	105	398030	18.562	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.32	70	227931	20.775	ng/ul	95
18) 4-Methylphenol	8.29	108	250023	18.045	ng/ul	97
19) Hexachloroethane	8.56	117	104861	19.515	ng/ul	98
22) Nitrobenzene	8.70	77	304489	20.814	ng/ul	97
23) Isophorone	9.22	82	593946	19.195	ng/ul	97
25) 2-Nitrophenol	9.41	139	142176	20.667	ng/ul	98
26) 2,4-Dimethylphenol	9.47	107	298184	19.209	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.71	93	345637	19.071	ng/ul	100
29) 2,4-Dichlorophenol	9.94	162	236253	18.933	ng/ul	98
30) Naphthalene	10.32	128	828772	18.328	ng/ul	99
32) 4-Chloroaniline	10.45	127	347752	17.457	ng/ul	98
33) Hexachlorobutadiene	10.60	225	154555	18.473	ng/ul	98
34) Caprolactam	11.28	113	76480m	17.270	ng/ul	

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35) 4-Chloro-3-methylphenol	11.59	107	269003	19.480	ng/ul	98
36) 2-Methylnaphthalene	11.95	142	607637	18.524	ng/ul	98
37) 1-Methylnaphthalene	12.17	142	601637	18.507	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	310957	18.125	ng/ul	99
40) Hexachlorocyclopentadiene	12.30	237	180698	20.277	ng/ul	98
41) 2,4,6-Trichlorophenol	12.58	196	199174	19.038	ng/ul	100
42) 2,4,5-Trichlorophenol	12.66	196	206572	18.657	ng/ul	99
43) 1,1'-Biphenyl	12.98	154	766557	17.761	ng/ul	98
44) 2-Chloronaphthalene	13.02	162	604915	18.264	ng/ul	99
45) 2-Nitroaniline	13.25	65	187154	22.356	ng/ul	95
47) Dimethylphthalate	13.63	163	780053	18.103	ng/ul	100
48) 2,6-Dinitrotoluene	13.75	165	159352	20.600	ng/ul	97
50) Acenaphthylene	13.87	152	956996	18.144	ng/ul	99
51) 3-Nitroaniline	14.09	138	153636	17.680	ng/ul	98
52) Acenaphthene	14.22	153	669622	17.964	ng/ul	99
53) 2,4-Dinitrophenol	14.30	184	109925	20.886	ng/ul	92
55) 4-Nitrophenol	14.41	109	135142	25.076	ng/ul	98
56) Dibenzofuran	14.56	168	927115	18.159	ng/ul	97
57) 2,4-Dinitrotoluene	14.55	165	229910	20.085	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.79	232	192922	18.298	ng/ul	97
59) Diethylphthalate	15.00	149	823832	18.331	ng/ul	99
61) Fluorene	15.21	166	790305	18.107	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.21	204	387543	18.070	ng/ul	99
63) 4-Nitroaniline	15.26	138	156749m	18.197	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	130881	17.889	ng/ul#	98
67) N-Nitrosodiphenylamine	15.43	169	673433	18.113	ng/ul	98
68) 4-Bromophenyl-phenylether	16.10	248	231001	18.133	ng/ul	97
69) Hexachlorobenzene	16.22	284	269827	17.836	ng/ul	98
70) Atrazine	16.39	200	237310	17.300	ng/ul	100
71) Pentachlorophenol	16.57	266	189831	21.899	ng/ul	100
72) Phenanthrene	16.95	178	1200587	17.791	ng/ul	100
74) Anthracene	17.04	178	1230314	17.833	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	330125	18.235	ng/uL	97
76) Pentachlorobenzene	14.48	250	310102	17.961	ng/uL	99
77) Carbazole	17.32	167	1045143	16.533	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1422037	18.953	ng/ul	100
80) Fluoranthene	18.97	202	1368094	20.050	ng/ul	97
82) Pyrene	19.33	202	1413460	19.684	ng/ul	99
83) Butylbenzylphthalate	20.25	149	608190	23.833	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.03	252	446418	17.955	ng/ul	99
85) Benzo(a)anthracene	21.09	228	1340450	18.799	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.03	149	950522	21.603	ng/ul	99
87) Chrysene	21.13	228	1289924	18.163	ng/ul	100
89) Di-n-octyl phthalate	21.88	149	1514181	21.393	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1186638	19.778	ng/ul	99
91) Benzo(k)fluoranthene	22.64	252	1229239	19.488	ng/ul	99
93) Benzo(a)pyrene	23.14	252	1033864	18.973	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	1148985	17.422	ng/ul	99
95) Dibenzo(a,h)anthracene	25.37	278	963412	17.233	ng/ul	99
96) Benzo(g,h,i)perylene	26.02	276	916159	17.145	ng/ul	99

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

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