Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030130.D
Acq On : 22 May 2021 02:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020053

Manual Integrations APPROVED
mohammad
5/24/2021 1:53:17 PM

Quant Time: May 22 03:19:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	167723	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	761992	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	520332	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	1067815	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	1102603	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	967959	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	31253	7.44	ng/uL	0.00
4) Pyridine-d5	3.45	84	176337	16.77	ng/ul	0.00
7) Phenol-d5	6.70	99	270399	17.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	178442	18.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	228096	18.95	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	227571	17.64	ng/ul	0.00
21) Nitrobenzene-d5	8.66	128	105353	20.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	123406	20.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	228112	19.19	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	318606	17.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.58	166	732838	18.17	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	930394	18.20	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	106780	16.26	ng/ul	0.00
60) Fluorene-d10	15.16	176	621332	18.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	125494	18.09	ng/ul	0.00
73) Anthracene-d10	17.01	188	969135	18.02	ng/ul	0.00
81) Pyrene-d10	19.31	212	1083416	19.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.10	264	1033159	18.83	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	34589	7.610	ng/uL	96
5) Pyridine	3.46	79	186146	17.259	ng/ul	99
6) Benzaldehyde	6.67	77	163881	20.354	ng/ul	98
8) Phenol	6.72	94	277678	17.437	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.95	93	219421	17.426	ng/ul	97
12) 2-Chlorophenol	7.07	128	228488	18.611	ng/ul	97
13) 2-Methylphenol	7.96	108	211923	17.564	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.03	45	388181	20.467	ng/ul	96
16) Acetophenone	8.33	105	367923	17.774	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.32	70	211881	20.005	ng/ul	98
18) 4-Methylphenol	8.29	108	234129	17.504	ng/ul	100
19) Hexachloroethane	8.56	117	97552	18.807	ng/ul	98
22) Nitrobenzene	8.70	77	287830	21.036	ng/ul	97
23) Isophorone	9.23	82	544840	18.826	ng/ul	99
25) 2-Nitrophenol	9.41	139	131836	20.489	ng/ul	98
26) 2,4-Dimethylphenol	9.48	107	273381	18.829	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.72	93	318638	18.797	ng/ul	98
29) 2,4-Dichlorophenol	9.94	162	221052	18.940	ng/ul	99
30) Naphthalene	10.33	128	772793	18.271	ng/ul	99
32) 4-Chloroaniline	10.46	127	318394	17.088	ng/ul	98
33) Hexachlorobutadiene	10.61	225	143783	18.374	ng/ul	97
34) Caprolactam	11.29	113	73506m	17.746	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	249049	19.282	ng/ul	99
36) 2-Methylnaphthalene	11.95	142	567104	18.484	ng/ul	100
37) 1-Methylnaphthalene	12.17	142	560694	18.440	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	288601	17.949	ng/ul	99
40) Hexachlorocyclopentadiene	12.30	237	166133	19.891	ng/ul	99
41) 2,4,6-Trichlorophenol	12.58	196	184077	18.774	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	192411	18.542	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	710643	17.569	ng/ul	98
44) 2-Chloronaphthalene	13.02	162	561965	18.104	ng/ul	99
45) 2-Nitroaniline	13.25	65	171329	21.837	ng/ul	99
47) Dimethylphthalate	13.63	163	737865	18.271	ng/ul	99
48) 2,6-Dinitrotoluene	13.75	165	147306	20.319	ng/ul	99
50) Acenaphthylene	13.88	152	893495	18.075	ng/ul	98
51) 3-Nitroaniline	14.09	138	146115	17.941	ng/ul	99
52) Acenaphthene	14.22	153	631293	18.070	ng/ul	99
53) 2,4-Dinitrophenol	14.30	184	105669	21.423	ng/ul	92
55) 4-Nitrophenol	14.41	109	126111	24.968	ng/ul	99
56) Dibenzofuran	14.56	168	864025	18.058	ng/ul	97
57) 2,4-Dinitrotoluene	14.55	165	216784	20.208	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.80	232	182455	18.464	ng/ul	100
59) Diethylphthalate	15.00	149	775682	18.416	ng/ul	99
61) Fluorene	15.22	166	737835	18.038	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	359951	17.908	ng/ul	98
63) 4-Nitroaniline	15.26	138	148214m	18.359	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	123560	18.101	ng/ul	98
67) N-Nitrosodiphenylamine	15.43	169	633055	18.250	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	219400	18.459	ng/ul	98
69) Hexachlorobenzene	16.22	284	254749	18.049	ng/ul	96
70) Atrazine	16.39	200	224980	17.579	ng/ul	100
71) Pentachlorophenol	16.57	266	179358	22.177	ng/ul	99
72) Phenanthrene	16.95	178	1132919	17.993	ng/ul	99
74) Anthracene	17.04	178	1177288	18.289	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	308541	18.267	ng/uL	99
76) Pentachlorobenzene	14.48	250	289052	17.944	ng/uL	99
77) Carbazole	17.32	167	1021175	17.314	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1354920	19.355	ng/ul	100
80) Fluoranthene	18.97	202	1325693	19.258	ng/ul	99
82) Pyrene	19.34	202	1379876	19.047	ng/ul	99
83) Butylbenzylphthalate	20.25	149	609098	23.659	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	440570	17.563	ng/ul	100
85) Benzo(a)anthracene	21.09	228	1341490	18.648	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	956894	21.556	ng/ul	100
87) Chrysene	21.14	228	1311217	18.300	ng/ul	99
89) Di-n-octyl phthalate	21.88	149	1560555	21.068	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1305527	20.793	ng/ul	100
91) Benzo(k)fluoranthene	22.64	252	1219997	18.482	ng/ul	99
93) Benzo(a)pyrene	23.15	252	1071188	18.785	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	1200150	17.389	ng/ul	99
95) Dibenzo(a,h)anthracene	25.37	278	1007940	17.229	ng/ul	100
96) Benzo(g,h,i)perylene	26.01	276	952156	17.027	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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