Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030093.D
Acq On : 20 May 2021 17:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020049

Manual Integrations APPROVED
mohammad
5/21/2021 3:37:59 PM

Quant Time: May 20 17:49:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 15:21:53 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	126820	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	532926	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	335761	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	659711	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	670708	20.00	ng/ul	0.00
88) Perylene-d12	23.25	264	693970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	25592	8.06	ng/uL	0.00
4) Pyridine-d5	3.45	84	124222	15.62	ng/ul	0.00
7) Phenol-d5	6.70	99	195068	16.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	132935	18.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	167971	18.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	156095	16.00	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	72036	19.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	84545	20.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	155470	18.70	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	202009	15.97	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	460052	17.68	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	592185	17.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	54352	12.82	ng/ul	0.00
60) Fluorene-d10	15.16	176	394851	17.87	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	75961	17.73	ng/ul	0.00
73) Anthracene-d10	17.01	188	593985	17.88	ng/ul	0.00
81) Pyrene-d10	19.31	212	660609	19.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	729663	18.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	27849	8.104	ng/uL	99
5) Pyridine	3.47	79	138511	16.984	ng/ul	92
6) Benzaldehyde	6.67	77	117455	19.293	ng/ul	97
8) Phenol	6.73	94	206825	17.177	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.96	93	161986	17.014	ng/ul	98
12) 2-Chlorophenol	7.08	128	170435	18.360	ng/ul	96
13) 2-Methylphenol	7.97	108	150121	16.455	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	285267	19.892	ng/ul	98
16) Acetophenone	8.34	105	249395	15.934	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.32	70	143008	17.857	ng/ul	94
18) 4-Methylphenol	8.30	108	158938	15.715	ng/ul	97
19) Hexachloroethane	8.57	117	76019	19.383	ng/ul	96
22) Nitrobenzene	8.72	77	196013	20.483	ng/ul	97
23) Isophorone	9.23	82	364826	18.024	ng/ul	99
25) 2-Nitrophenol	9.42	139	90285	20.062	ng/ul	92
26) 2,4-Dimethylphenol	9.49	107	186267	18.343	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.72	93	218790	18.455	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	149593	18.327	ng/ul	100
30) Naphthalene	10.33	128	545719	18.449	ng/ul	99
32) 4-Chloroaniline	10.46	127	206037	15.811	ng/ul	99
33) Hexachlorobutadiene	10.62	225	105058	19.196	ng/ul	96
34) Caprolactam	11.26	113	38832m	13.405	ng/ul	

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35) 4-Chloro-3-methylphenol	11.60	107	158092	17.501	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	381443	17.776	ng/ul	97
37) 1-Methylnaphthalene	12.18	142	375598	17.663	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	193268	18.628	ng/ul	97
40) Hexachlorocyclopentadiene	12.31	237	86888	16.122	ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	116716	18.447	ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	122723	18.327	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	476880	18.271	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	371350	18.539	ng/ul	99
45) 2-Nitroaniline	13.26	65	105087	20.757	ng/ul	97
47) Dimethylphthalate	13.63	163	462376	17.743	ng/ul	98
48) 2,6-Dinitrotoluene	13.76	165	89114	19.049	ng/ul	99
50) Acenaphthylene	13.88	152	577108	18.093	ng/ul	99
51) 3-Nitroaniline	14.10	138	79418	15.112	ng/ul	94
52) Acenaphthene	14.23	153	404982	17.965	ng/ul	100
53) 2,4-Dinitrophenol	14.32	184	51381	16.143	ng/ul	89
55) 4-Nitrophenol	14.42	109	43799	13.439	ng/ul	93
56) Dibenzofuran	14.57	168	559146	18.110	ng/ul	100
57) 2,4-Dinitrotoluene	14.56	165	129166	18.659	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.80	232	112276	17.608	ng/ul	98
59) Diethylphthalate	15.00	149	485856	17.876	ng/ul	100
61) Fluorene	15.22	166	463871	17.574	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	232744	17.944	ng/ul	99
63) 4-Nitroaniline	15.27	138	79045m	15.174	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	72923	17.292	ng/ul	98
67) N-Nitrosodiphenylamine	15.44	169	389131	18.158	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	135314	18.427	ng/ul	98
69) Hexachlorobenzene	16.22	284	159378	18.277	ng/ul	96
70) Atrazine	16.40	200	136018	17.203	ng/ul	97
71) Pentachlorophenol	16.57	266	78762	15.763	ng/ul	99
72) Phenanthrene	16.96	178	704530	18.112	ng/ul	99
74) Anthracene	17.04	178	716587	18.019	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	202988	19.452	ng/uL	98
76) Pentachlorobenzene	14.49	250	187289	18.820	ng/uL	98
77) Carbazole	17.33	167	605934	16.629	ng/ul	98
78) Di-n-butylphthalate	17.89	149	830745	19.208	ng/ul	99
80) Fluoranthene	18.98	202	797546	19.046	ng/ul	99
82) Pyrene	19.34	202	841058	19.086	ng/ul	100
83) Butylbenzylphthalate	20.26	149	360750	23.035	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	287665	18.852	ng/ul	99
85) Benzo(a)anthracene	21.09	228	817129	18.673	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	592624	21.947	ng/ul	99
87) Chrysene	21.14	228	816996	18.745	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	1014030	19.095	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	872557	19.384	ng/ul	99
91) Benzo(k)fluoranthene	22.65	252	840187	17.754	ng/ul	100
93) Benzo(a)pyrene	23.16	252	758619	18.556	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.38	276	1009024	20.392	ng/ul	100
95) Dibenzo(a,h)anthracene	25.39	278	859277	20.486	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	837657	20.894	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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