Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030008.D
Acq On : 13 May 2021 13:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020037

Manual Integrations APPROVED
mohammad
5/14/2021 12:49:50 PM

Quant Time: May 13 13:57:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 10:47:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	143697	20.00	ng/ul	0.00
20) Naphthalene-d8	10.31	136	638450	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.19	164	386610	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.93	188	700400	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	614493	20.00	ng/ul	0.00
88) Perylene-d12	23.27	264	620819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27853	7.74	ng/uL	0.00
4) Pyridine-d5	3.48	84	153279	17.01	ng/ul	0.00
7) Phenol-d5	6.73	99	226362	16.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	150997	18.22	ng/ul	0.00
11) 2-Chlorophenol-d4	7.07	132	188738	18.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	188063	17.02	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	88996	20.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.41	143	99864	20.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	183859	18.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	246859	16.29	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	524384	17.50	ng/ul	0.00
49) Acenaphthylene-d8	13.87	160	702748	18.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	61138	12.53	ng/ul	0.00
60) Fluorene-d10	15.19	176	445753	17.52	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	74120	16.29	ng/ul	0.00
73) Anthracene-d10	17.03	188	646190	18.32	ng/ul	0.00
81) Pyrene-d10	19.33	212	640986	20.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	647057	18.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29296	7.524	ng/uL	95
5) Pyridine	3.49	79	152250	16.476	ng/ul	97
6) Benzaldehyde	6.70	77	140308	20.340	ng/ul	98
8) Phenol	6.75	94	234975	17.223	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.98	93	190908	17.697	ng/ul	99
12) 2-Chlorophenol	7.10	128	195905	18.625	ng/ul	96
13) 2-Methylphenol	7.99	108	176226	17.048	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.07	45	332594	20.468	ng/ul	97
16) Acetophenone	8.36	105	296945	16.743	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.35	70	173995	19.175	ng/ul	98
18) 4-Methylphenol	8.32	108	194671	16.988	ng/ul	97
19) Hexachloroethane	8.60	117	89123	20.055	ng/ul	94
22) Nitrobenzene	8.74	77	234955	20.494	ng/ul	97
23) Isophorone	9.26	82	449580	18.540	ng/ul	99
25) 2-Nitrophenol	9.45	139	110615	20.517	ng/ul	97
26) 2,4-Dimethylphenol	9.51	107	225756	18.558	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.75	93	263422	18.547	ng/ul	98
29) 2,4-Dichlorophenol	9.97	162	178129	18.216	ng/ul	97
30) Naphthalene	10.36	128	646279	18.237	ng/ul	99
32) 4-Chloroaniline	10.49	127	246457	15.787	ng/ul	99
33) Hexachlorobutadiene	10.65	225	122131	18.627	ng/ul	97
34) Caprolactam	11.27	113	46282m	13.336	ng/ul	

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35) 4-Chloro-3-methylphenol	11.62	107	188232	17.394	ng/ul	97
36) 2-Methylnaphthalene	11.99	142	455832	17.732	ng/ul	97
37) 1-Methylnaphthalene	12.20	142	450357	17.678	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	231714	19.396	ng/ul	99
40) Hexachlorocyclopentadiene	12.33	237	100178	16.143	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	138569	19.021	ng/ul	99
42) 2,4,5-Trichlorophenol	12.69	196	143515	18.614	ng/ul	99
43) 1,1'-Biphenyl	13.02	154	570573	18.985	ng/ul	99
44) 2-Chloronaphthalene	13.06	162	437046	18.949	ng/ul	98
45) 2-Nitroaniline	13.28	65	124614	21.377	ng/ul	97
47) Dimethylphthalate	13.66	163	526615	17.550	ng/ul	100
48) 2,6-Dinitrotoluene	13.78	165	104780	19.452	ng/ul	96
50) Acenaphthylene	13.90	152	675198	18.384	ng/ul	98
51) 3-Nitroaniline	14.12	138	95116	15.719	ng/ul	95
52) Acenaphthene	14.25	153	470112	18.111	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	55484	15.139	ng/ul	95
55) 4-Nitrophenol	14.44	109	58599	15.615	ng/ul	98
56) Dibenzofuran	14.59	168	635889	17.886	ng/ul	97
57) 2,4-Dinitrotoluene	14.57	165	144827	18.170	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.83	232	126123	17.178	ng/ul	98
59) Diethylphthalate	15.03	149	535136	17.099	ng/ul	99
61) Fluorene	15.24	166	525787	17.300	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.24	204	259198	17.356	ng/ul	98
63) 4-Nitroaniline	15.29	138	88305m	14.722	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	71843	16.046	ng/ul	97
67) N-Nitrosodiphenylamine	15.46	169	438267	19.262	ng/ul	99
68) 4-Bromophenyl-phenylether	16.13	248	149503	19.177	ng/ul	94
69) Hexachlorobenzene	16.24	284	172480	18.630	ng/ul	98
70) Atrazine	16.42	200	142123	16.931	ng/ul	100
71) Pentachlorophenol	16.60	266	95948	18.087	ng/ul	99
72) Phenanthrene	16.97	178	751604	18.199	ng/ul	100
74) Anthracene	17.07	178	759582	17.990	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	240037	21.666	ng/uL	99
76) Pentachlorobenzene	14.51	250	213160	20.175	ng/uL	99
77) Carbazole	17.34	167	637093	16.469	ng/ul	99
78) Di-n-butylphthalate	17.91	149	836630	18.221	ng/ul	99
80) Fluoranthene	19.00	202	791105	20.620	ng/ul	98
82) Pyrene	19.36	202	822490	20.372	ng/ul	98
83) Butylbenzylphthalate	20.27	149	330915	23.063	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.05	252	242742	17.364	ng/ul	98
85) Benzo(a)anthracene	21.11	228	744056	18.559	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	519637	21.004	ng/ul	99
87) Chrysene	21.16	228	740181	18.536	ng/ul	100
89) Di-n-octyl phthalate	21.90	149	853378	17.963	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	764723	18.990	ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	751524	17.751	ng/ul	100
93) Benzo(a)pyrene	23.19	252	678558	18.553	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.42	276	880144	19.883	ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	739450	19.707	ng/ul	99
96) Benzo(g,h,i)perylene	26.07	276	738463	20.590	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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