Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030105.D
Acq On : 21 May 2021 00:34
Operator : CG/JU
Sample : M2463-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Y6MS

Manual Integrations APPROVED
mohammad
5/21/2021 3:38:45 PM

Quant Time: May 21 02:12:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 21 01:06:37 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	171315	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	707618	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	418474	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	783282	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	744072	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	737184	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	14507	3.38	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.70	99	88642	5.56	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	259471	26.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	274824	22.35	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	164404	12.48	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	158236	32.45	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	180699	32.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	307643	27.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	34945	2.08	ng/ul	0.01
46) Dimethylphthalate-d6	13.59	166	1106316	34.11	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	1329995	32.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	23907	4.53	ng/ul	0.00
60) Fluorene-d10	15.16	176	935779	33.98	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	197157	38.75	ng/ul	0.00
73) Anthracene-d10	17.01	188	1406651	35.66	ng/ul	0.00
81) Pyrene-d10	19.31	212	1484840	38.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	1492966	35.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	13116	2.825	ng/uL#	94
6) Benzaldehyde	6.67	77	263982m	32.100	ng/ul	
8) Phenol	6.73	94	103301	6.351	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.95	93	317001	24.648	ng/ul	97
12) 2-Chlorophenol	7.08	128	276845	22.077	ng/ul	97
13) 2-Methylphenol	7.96	108	191363	15.528	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.05	45	585770m	30.237	ng/ul	
16) Acetophenone	8.34	105	516404	24.424	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.32	70	296494	27.407	ng/ul	94
18) 4-Methylphenol	8.29	108	176301	12.905	ng/ul	99
19) Hexachloroethane	8.57	117	150314	28.372	ng/ul	96
22) Nitrobenzene	8.71	77	412084	32.431	ng/ul	98
23) Isophorone	9.23	82	759532	28.260	ng/ul	99
25) 2-Nitrophenol	9.42	139	191089	31.979	ng/ul	99
26) 2,4-Dimethylphenol	9.48	107	318901	23.652	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	445854	28.323	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	290679	26.820	ng/ul	99
30) Naphthalene	10.33	128	1110223	28.266	ng/ul	99
32) 4-Chloroaniline	10.47	127	39984	2.311	ng/ul	94
33) Hexachlorobutadiene	10.61	225	211726	29.136	ng/ul	96
34) Caprolactam	11.29	113	5477m	1.424	ng/ul	
35) 4-Chloro-3-methylphenol	11.59	107	307068	25.601	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.96	142	789480	27.709 ng/ul	99
37) 1-Methylnaphthalene	12.17	142	766645	27.151 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	405128	31.329 ng/ul	100
40) Hexachlorocyclopentadiene	12.30	237	190773	28.401 ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	274601	34.823 ng/ul	98
42) 2,4,5-Trichlorophenol	12.66	196	284161	34.049 ng/ul	97
43) 1,1'-Biphenyl	12.99	154	1033134	31.759 ng/ul	97
44) 2-Chloronaphthalene	13.03	162	785719	31.473 ng/ul	99
45) 2-Nitroaniline	13.25	65	246608	39.083 ng/ul	96
47) Dimethylphthalate	13.63	163	1136661	34.996 ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	227318	38.988 ng/ul	98
50) Acenaphthylene	13.88	152	1266697	31.863 ng/ul	99
51) 3-Nitroaniline	14.09	138	123170	18.805 ng/ul	99
52) Acenaphthene	14.23	153	904074	32.178 ng/ul	100
53) 2,4-Dinitrophenol	14.31	184	104639	26.377 ng/ul	93
55) 4-Nitrophenol	14.42	109	19528	4.807 ng/ul	96
56) Dibenzofuran	14.56	168	1260958	32.768 ng/ul	97
57) 2,4-Dinitrotoluene	14.56	165	311994	36.161 ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.80	232	271107	34.114 ng/ul	96
59) Diethylphthalate	15.00	149	1158105	34.187 ng/ul	99
61) Fluorene	15.22	166	1107545	33.666 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.22	204	548613	33.937 ng/ul	99
63) 4-Nitroaniline	15.26	138	163960m	25.253 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	187180	37.382 ng/ul#	96
67) N-Nitrosodiphenylamine	15.43	169	930610	36.574 ng/ul	100
68) 4-Bromophenyl-phenylether	16.11	248	323168	37.066 ng/ul	97
69) Hexachlorobenzene	16.22	284	373995	36.122 ng/ul	97
70) Atrazine	16.40	200	320936	34.186 ng/ul	99
71) Pentachlorophenol	16.57	266	200465	33.791 ng/ul	99
72) Phenanthrene	16.96	178	1633793	35.375 ng/ul	100
74) Anthracene	17.04	178	1673503	35.442 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	390688	31.532 ng/uL	98
76) Pentachlorobenzene	14.49	250	414554	35.084 ng/uL	99
77) Carbazole	17.32	167	1444375	33.386 ng/ul	99
78) Di-n-butylphthalate	17.89	149	1967809	38.321 ng/ul	100
80) Fluoranthene	18.97	202	1814857	39.067 ng/ul	97
82) Pyrene	19.34	202	1888536	38.630 ng/ul	99
83) Butylbenzylphthalate	20.25	149	833843	47.994 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.03	252	593812	35.079 ng/ul	99
85) Benzo(a)anthracene	21.09	228	1797846	37.034 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.03	149	1345687	44.922 ng/ul	99
87) Chrysene	21.14	228	1736543	35.915 ng/ul	100
89) Di-n-octyl phthalate	21.88	149	2220005	39.353 ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1839156	38.462 ng/ul	99
91) Benzo(k)fluoranthene	22.64	252	1791605	35.638 ng/ul	99
93) Benzo(a)pyrene	23.15	252	1609113	37.052 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	2117776	40.290 ng/ul	100
95) Dibenzo(a,h)anthracene	25.38	278	1797681	40.347 ng/ul	99
96) Benzo(g,h,i)perylene	26.02	276	1717797	40.335 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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