Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034273.D
Acq On : 17 Mar 2022 13:06
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 17 13:35:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	158105	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	679560	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	462220	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	967547	20.000	ng		0.00
76) Chrysene-d12	21.494	240	955199	20.000	ng		0.00
86) Perylene-d12	23.912	264	894838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1580807	179.369	ng		0.00
7) Phenol-d6	7.107	99	2233217	176.981	ng		0.00
23) Nitrobenzene-d5	9.107	82	1308195	93.725	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	1141021	183.145	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3185435	94.173	ng		0.00
79) Terphenyl-d14	19.947	244	5274192	95.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	16791	4.211	ng		95
3) Pyridine	3.772	79	40450	3.749	ng	#	90
4) n-Nitrosodimethylamine	3.672	42	21439	4.185	ng	#	86
6) Aniline	7.266	93	67092	4.653	ng		98
8) 2-Chlorophenol	7.507	128	43656	4.235	ng		99
9) Benzaldehyde	7.072	77	44917m	6.607	ng		
10) Phenol	7.131	94	55412	4.415	ng		93
11) bis(2-Chloroethyl)ether	7.360	93	46203	4.485	ng		99
12) 1,3-Dichlorobenzene	7.836	146	52025	4.449	ng		99
13) 1,4-Dichlorobenzene	7.984	146	52093	4.352	ng		98
14) 1,2-Dichlorobenzene	8.301	146	50145	4.297	ng		99
15) Benzyl Alcohol	8.184	79	37849	3.769	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	62625	4.430	ng		98
17) 2-Methylphenol	8.384	107	35136	3.997	ng		99
18) Hexachloroethane	9.036	117	18422	4.173	ng		92
19) n-Nitroso-di-n-propyla...	8.754	70	38762	4.247	ng		98
20) 3+4-Methylphenols	8.713	107	45866	3.773	ng		97
22) Acetophenone	8.766	105	75013	4.301	ng		96
24) Nitrobenzene	9.148	77	61240	4.699	ng		99
25) Isophorone	9.678	82	102467	4.387	ng		99
26) 2-Nitrophenol	9.866	139	19457	3.367	ng		97
27) 2,4-Dimethylphenol	9.925	122	38841	4.292	ng		94
28) bis(2-Chloroethoxy)met...	10.160	93	60024	4.014	ng		99
29) 2,4-Dichlorophenol	10.401	162	37928	3.607	ng		99
30) 1,2,4-Trichlorobenzene	10.625	180	49178	4.115	ng		95
31) Naphthalene	10.807	128	150614	4.254	ng		100
32) Benzoic acid	9.983	122	16242m	2.171	ng		
33) 4-Chloroaniline	10.913	127	51545	3.691	ng		98
34) Hexachlorobutadiene	11.107	225	30757	4.063	ng		96
35) Caprolactam	11.666	113	12308	3.368	ng		92
36) 4-Chloro-3-methylphenol	12.036	107	44041	3.655	ng		99
37) 2-Methylnaphthalene	12.419	142	108369	4.290	ng		98
38) 1-Methylnaphthalene	12.636	142	105670	4.276	ng		97
40) 1,2,4,5-Tetrachloroben...	12.789	216	57421	4.117	ng		99
41) Hexachlorocyclopentadiene	12.771	237	34165	4.230	ng		98
43) 2,4,6-Trichlorophenol	13.019	196	32951	3.422	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034273.D
Acq On : 17 Mar 2022 13:06
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 17 13:35:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	36139	3.496	ng		95
46) 1,1'-Biphenyl	13.424	154	151468	4.298	ng		97
47) 2-Chloronaphthalene	13.466	162	111173	4.110	ng		99
48) 2-Nitroaniline	13.660	65	25519	3.086	ng		96
49) Acenaphthylene	14.307	152	178488	4.233	ng		99
50) Dimethylphthalate	14.036	163	147184	4.184	ng		99
51) 2,6-Dinitrotoluene	14.154	165	27133	3.760	ng		95
52) Acenaphthene	14.648	154	111984	3.943	ng		99
53) 3-Nitroaniline	14.483	138	19423	2.683	ng	#	97
55) Dibenzofuran	14.983	168	173658	4.103	ng		100
56) 4-Nitrophenol	14.783	139	13072m	2.227	ng		
57) 2,4-Dinitrotoluene	14.936	165	33182	3.402	ng		90
58) Fluorene	15.630	166	142698	4.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	33942	3.641	ng		99
60) Diethylphthalate	15.401	149	148276	4.108	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	72396	4.127	ng		99
62) 4-Nitroaniline	15.636	138	17755m	2.549	ng		
63) Azobenzene	15.918	77	135552	3.895	ng		99
65) 4,6-Dinitro-2-methylph...	15.701	198	15441	2.454	ng		96
66) n-Nitrosodiphenylamine	15.836	169	120896	3.933	ng		97
67) 4-Bromophenyl-phenylether	16.512	248	43310	3.894	ng		98
68) Hexachlorobenzene	16.636	284	51958	4.188	ng		99
69) Atrazine	16.777	200	42060	4.151	ng		96
70) Pentachlorophenol	16.977	266	26066	3.286	ng		97
71) Phenanthrene	17.365	178	222079	4.099	ng		99
72) Anthracene	17.459	178	211893	4.018	ng		99
73) Carbazole	17.724	167	165584	3.366	ng		99
74) Di-n-butylphthalate	18.295	149	231068	3.779	ng		99
75) Fluoranthene	19.377	202	247151	4.069	ng		100
77) Benzidine	19.565	184	47937m	3.425	ng		
78) Pyrene	19.742	202	266400	3.958	ng		98
80) Butylbenzylphthalate	20.630	149	95574	3.358	ng		96
81) Benzo(a)anthracene	21.483	228	242167	4.017	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	71230	3.537	ng		100
83) Chrysene	21.530	228	256092	4.160	ng		98
84) Bis(2-ethylhexyl)phtha...	21.412	149	149170	3.549	ng		100
85) Di-n-octyl phthalate	22.336	149	242936	3.641	ng		99
87) Indeno(1,2,3-cd)pyrene	26.424	276	177345	3.081	ng		99
88) Benzo(b)fluoranthene	23.171	252	221617	4.142	ng		98
89) Benzo(k)fluoranthene	23.224	252	221596	3.909	ng		100
90) Benzo(a)pyrene	23.800	252	196484	4.331	ng		98
91) Dibenzo(a,h)anthracene	26.441	278	159283	3.413	ng		96
92) Benzo(g,h,i)perylene	27.194	276	170612	3.532	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034273.D
Acq On : 17 Mar 2022 13:06
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 17 13:35:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022