Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034309.D
Acq On : 22 Mar 2022 13:59
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 14:52:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 14:39:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	141628	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	594644	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	402472	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	860787	20.000	ng		-0.01
76) Chrysene-d12	21.488	240	933447	20.000	ng		-0.01
86) Perylene-d12	23.900	264	1002388	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	881045	111.600	ng		-0.01
7) Phenol-d6	7.095	99	1319875	116.768	ng		-0.01
23) Nitrobenzene-d5	9.101	82	1035705	84.799	ng		-0.01
42) 2,4,6-Tribromophenol	16.065	330	641898	118.326	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2451092	83.220	ng		0.00
79) Terphenyl-d14	19.936	244	4061889	75.612	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	14056	3.935	ng		91
3) Pyridine	3.772	79	28953m	2.995	ng		
4) n-Nitrosodimethylamine	3.672	42	16478	3.590	ng	#	93
6) Aniline	7.260	93	50872	3.938	ng		99
8) 2-Chlorophenol	7.501	128	32966	3.570	ng		97
9) Benzaldehyde	7.072	77	32751m	5.378	ng		
10) Phenol	7.125	94	39652	3.527	ng		93
11) bis(2-Chloroethyl)ether	7.360	93	35210	3.816	ng		97
12) 1,3-Dichlorobenzene	7.831	146	37663	3.596	ng		97
13) 1,4-Dichlorobenzene	7.978	146	38897	3.627	ng		96
14) 1,2-Dichlorobenzene	8.295	146	37635	3.600	ng		98
15) Benzyl Alcohol	8.178	79	28793	3.201	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.478	45	48263	3.811	ng		99
17) 2-Methylphenol	8.383	107	25451	3.232	ng		93
18) Hexachloroethane	9.031	117	14156	3.579	ng		89
19) n-Nitroso-di-n-propyla...	8.748	70	28855	3.529	ng		95
20) 3+4-Methylphenols	8.713	107	34142	3.135	ng		95
22) Acetophenone	8.766	105	54496	3.571	ng	#	94
24) Nitrobenzene	9.142	77	48472m	4.251	ng		
25) Isophorone	9.672	82	76241	3.730	ng		97
26) 2-Nitrophenol	9.866	139	14193	2.807	ng		94
27) 2,4-Dimethylphenol	9.919	122	29089	3.674	ng		99
28) bis(2-Chloroethoxy)met...	10.160	93	45046	3.443	ng		99
29) 2,4-Dichlorophenol	10.401	162	27443	2.983	ng		92
30) 1,2,4-Trichlorobenzene	10.619	180	36928	3.531	ng		96
31) Naphthalene	10.801	128	116159	3.750	ng		99
33) 4-Chloroaniline	10.913	127	36586	2.994	ng		98
34) Hexachlorobutadiene	11.101	225	22648	3.419	ng		98
35) Caprolactam	11.660	113	8690	2.717	ng		91
36) 4-Chloro-3-methylphenol	12.030	107	30828	2.924	ng		96
37) 2-Methylnaphthalene	12.413	142	79957	3.617	ng		97
38) 1-Methylnaphthalene	12.630	142	78850	3.646	ng		96
40) 1,2,4,5-Tetrachloroben...	12.783	216	42923	3.534	ng		99
41) Hexachlorocyclopentadiene	12.766	237	24888	3.539	ng		97
43) 2,4,6-Trichlorophenol	13.018	196	23350	2.785	ng		98
44) 2,4,5-Trichlorophenol	13.089	196	25831	2.870	ng		93

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034309.D
Acq On : 22 Mar 2022 13:59
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 14:52:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 14:39:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.418	154	113355	3.694	ng		97
47) 2-Chloronaphthalene	13.460	162	83754	3.556	ng		99
48) 2-Nitroaniline	13.660	65	18718	2.599	ng		95
49) Acenaphthylene	14.301	152	132763	3.616	ng		98
50) Dimethylphthalate	14.036	163	110109	3.595	ng		98
51) 2,6-Dinitrotoluene	14.148	165	19602	3.120	ng		91
52) Acenaphthene	14.642	154	84312m	3.409	ng		
53) 3-Nitroaniline	14.483	138	14462	2.294	ng		85
55) Dibenzofuran	14.977	168	130555	3.543	ng		98
57) 2,4-Dinitrotoluene	14.930	165	23722	2.793	ng	#	84
58) Fluorene	15.624	166	105632	3.531	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.201	232	23486	2.894	ng		97
60) Diethylphthalate	15.395	149	108723	3.460	ng		99
61) 4-Chlorophenyl-phenyle...	15.618	204	54582	3.573	ng		95
62) 4-Nitroaniline	15.636	138	14368m	2.369	ng		
63) Azobenzene	15.912	77	99304	3.277	ng		99
66) n-Nitrosodiphenylamine	15.830	169	88728	3.244	ng		98
67) 4-Bromophenyl-phenylether	16.512	248	32019	3.236	ng		99
68) Hexachlorobenzene	16.630	284	38978	3.532	ng		99
69) Atrazine	16.777	200	30021	3.331	ng		99
70) Pentachlorophenol	16.971	266	18017	2.553	ng		92
71) Phenanthrene	17.359	178	172236	3.573	ng		100
72) Anthracene	17.453	178	163127	3.477	ng		100
73) Carbazole	17.718	167	129929	2.969	ng		97
74) Di-n-butylphthalate	18.289	149	167944	3.087	ng		99
75) Fluoranthene	19.371	202	195947	3.626	ng		98
77) Benzidine	19.589	184	48057m	3.513	ng		
78) Pyrene	19.736	202	207821	3.160	ng		99
80) Butylbenzylphthalate	20.630	149	70593	2.538	ng		98
81) Benzo(a)anthracene	21.477	228	202376	3.435	ng		98
82) 3,3'-Dichlorobenzidine	21.412	252	59685	3.033	ng		98
83) Chrysene	21.524	228	209017	3.474	ng		99
84) Bis(2-ethylhexyl)phtha...	21.406	149	112490	2.739	ng		99
85) Di-n-octyl phthalate	22.330	149	192926	2.959	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.412	276	198524	3.079	ng		97
88) Benzo(b)fluoranthene	23.165	252	195456	3.261	ng		98
89) Benzo(k)fluoranthene	23.218	252	214317	3.375	ng		97
90) Benzo(a)pyrene	23.794	252	186614	3.672	ng		97
91) Dibenzo(a,h)anthracene	26.429	278	163333m	3.124	ng		
92) Benzo(g,h,i)perylene	27.176	276	184330	3.406	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034309.D
Acq On : 22 Mar 2022 13:59
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 22 14:52:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 14:39:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022