Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043996.D
Acq On : 06 Feb 2024 17:39
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 07 03:10:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	329952	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1463767	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	913746	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1997399	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1941833	20.000	ng		0.00
86) Perylene-d12	23.927	264	2282328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	3355563	150.182	ng		0.00
7) Phenol-d6	7.087	99	4440077	134.496	ng		0.00
23) Nitrobenzene-d5	9.092	82	2531671	83.374	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1458401	130.934	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	5805737	87.305	ng		0.00
79) Terphenyl-d14	19.956	244	9651493	95.948	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	104673	12.122	ng		98
3) Pyridine	3.798	79	257751	9.808	ng		98
4) n-Nitrosodimethylamine	3.716	42	116270	10.292	ng	#	99
6) Aniline	7.251	93	366896	11.170	ng		98
8) 2-Chlorophenol	7.481	128	241247	9.725	ng		98
9) Benzaldehyde	7.069	77	237646	12.455	ng		98
10) Phenol	7.116	94	329806	10.048	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	265185	10.308	ng		99
12) 1,3-Dichlorobenzene	7.810	146	272568	10.177	ng		99
13) 1,4-Dichlorobenzene	7.957	146	279092	10.304	ng		97
14) 1,2-Dichlorobenzene	8.269	146	265752	9.948	ng		97
15) Benzyl Alcohol	8.169	79	220374m	9.739	ng		
16) 2,2'-oxybis(1-Chloropr...	8.457	45	371953m	10.781	ng		
17) 2-Methylphenol	8.363	107	199489	9.508	ng		95
18) Hexachloroethane	8.992	117	101902	10.025	ng		96
19) n-Nitroso-di-n-propyla...	8.733	70	211831	9.752	ng		99
20) 3+4-Methylphenols	8.692	107	277277	9.363	ng		99
22) Acetophenone	8.751	105	418986	10.564	ng	#	98
24) Nitrobenzene	9.133	77	306457	10.059	ng		100
25) Isophorone	9.657	82	548156	9.697	ng		100
26) 2-Nitrophenol	9.839	139	107800	8.755	ng		97
27) 2,4-Dimethylphenol	9.904	122	182399	10.788	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	368314	10.670	ng		100
29) 2,4-Dichlorophenol	10.369	162	211853	9.824	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	248075	10.185	ng		99
31) Naphthalene	10.775	128	825151	10.114	ng		99
32) Benzoic acid	9.975	122	104025	11.492	ng		98
33) 4-Chloroaniline	10.892	127	353600	10.544	ng		99
34) Hexachlorobutadiene	11.051	225	134823	10.149	ng		97
35) Caprolactam	11.669	113	72614	8.211	ng		93
36) 4-Chloro-3-methylphenol	12.010	107	256044	9.696	ng		99
37) 2-Methylnaphthalene	12.386	142	567082	9.967	ng		99
38) 1-Methylnaphthalene	12.604	142	555324	9.777	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	278564	10.749	ng		100
41) Hexachlorocyclopentadiene	12.721	237	99461	11.669	ng		100
43) 2,4,6-Trichlorophenol	12.998	196	167761	9.579	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043996.D
Acq On : 06 Feb 2024 17:39
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 03:10:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	192880	9.653	ng	98
46) 1,1'-Biphenyl	13.404	154	766742	10.671	ng	99
47) 2-Chloronaphthalene	13.439	162	585248	10.213	ng	99
48) 2-Nitroaniline	13.651	65	164669	8.835	ng	98
49) Acenaphthylene	14.286	152	944307	10.780	ng	99
50) Dimethylphthalate	14.033	163	734973	10.355	ng	100
51) 2,6-Dinitrotoluene	14.151	165	143339	9.188	ng	96
52) Acenaphthene	14.627	154	563891	10.155	ng	99
53) 3-Nitroaniline	14.480	138	161381	8.910	ng	96
54) 2,4-Dinitrophenol	14.686	184	49547	12.068	ng	98
55) Dibenzofuran	14.962	168	916627	10.607	ng	100
56) 4-Nitrophenol	14.780	139	129157	8.160	ng	96
57) 2,4-Dinitrotoluene	14.933	165	180773	8.324	ng	95
58) Fluorene	15.615	166	743528	10.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	168690	9.793	ng	98
60) Diethylphthalate	15.398	149	730392	9.941	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	351637	10.328	ng	100
62) 4-Nitroaniline	15.639	138	168397	8.504	ng	99
63) Azobenzene	15.909	77	745659	10.161	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	75882	11.552	ng	90
66) n-Nitrosodiphenylamine	15.833	169	627394	10.545	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	129113	6.562	ng	96
68) Hexachlorobenzene	16.609	284	227657	9.704	ng	99
69) Atrazine	16.792	200	201704	12.254	ng	99
70) Pentachlorophenol	16.956	266	118830	7.714	ng	95
71) Phenanthrene	17.356	178	1170338	10.520	ng	99
72) Anthracene	17.451	178	1123341	10.314	ng	100
73) Carbazole	17.727	167	1081168	9.585	ng	99
74) Di-n-butylphthalate	18.303	149	1205537	9.745	ng	99
75) Fluoranthene	19.380	202	1308274	9.509	ng	99
77) Benzidine	19.580	184	510089	20.704	ng	99
78) Pyrene	19.745	202	1406450	10.537	ng	99
80) Butylbenzylphthalate	20.662	149	510250	9.654	ng	95
81) Benzo(a)anthracene	21.503	228	1416249	10.396	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	450395	10.340	ng	99
83) Chrysene	21.556	228	1326247	10.162	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	796696	10.136	ng	99
85) Di-n-octyl phthalate	22.397	149	1697225	12.534	ng	99
87) Indeno(1,2,3-cd)pyrene	26.426	276	1642909	9.620	ng	99
88) Benzo(b)fluoranthene	23.191	252	1473864	10.266	ng	100
89) Benzo(k)fluoranthene	23.244	252	1470651	10.677	ng	99
90) Benzo(a)pyrene	23.815	252	1252173	9.868	ng	100
91) Dibenzo(a,h)anthracene	26.456	278	1386007	9.841	ng	100
92) Benzo(g,h,i)perylene	27.191	276	1324640	9.221	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043996.D
Acq On : 06 Feb 2024 17:39
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 07 03:10:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024