Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038480.D
Acq On : 18 Jan 2023 15:05
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 19 06:13:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	47796	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	161409	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	96036	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	213234	20.000	ng		0.00
76) Chrysene-d12	21.521	240	213431	20.000	ng		0.00
86) Perylene-d12	23.939	264	256301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	362269	115.617	ng		0.00
7) Phenol-d6	7.140	99	449032	111.873	ng		0.00
23) Nitrobenzene-d5	9.151	82	316758	79.960	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	175410	108.045	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	588839	76.466	ng		0.00
79) Terphenyl-d14	19.962	244	975358	85.550	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	6010	4.197	ng		98
3) Pyridine	3.828	79	11616m	2.804	ng		
4) n-Nitrosodimethylamine	3.716	42	8852	3.612	ng	#	91
6) Aniline	7.304	93	17000	3.353	ng		96
8) 2-Chlorophenol	7.534	128	10903	3.515	ng		91
9) Benzaldehyde	7.116	77	13141	4.896	ng		88
10) Phenol	7.163	94	15257	3.648	ng	#	78
11) bis(2-Chloroethyl)ether	7.398	93	11750	3.466	ng		94
12) 1,3-Dichlorobenzene	7.863	146	12532	3.771	ng		96
13) 1,4-Dichlorobenzene	8.010	146	12313	3.683	ng		97
14) 1,2-Dichlorobenzene	8.328	146	11777	3.602	ng		94
15) Benzyl Alcohol	8.228	79	10964	3.411	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.504	45	18516	3.918	ng		96
17) 2-Methylphenol	8.422	107	8726	3.089	ng		97
18) Hexachloroethane	9.057	117	4990	3.644	ng		96
19) n-Nitroso-di-n-propyla...	8.781	70	9768	3.353	ng	#	96
20) 3+4-Methylphenols	8.751	107	11070	2.919	ng		97
22) Acetophenone	8.804	105	17513	3.671	ng	#	91
24) Nitrobenzene	9.192	77	15553	3.716	ng		98
25) Isophorone	9.716	82	23796	3.391	ng		99
26) 2-Nitrophenol	9.904	139	4017	2.734	ng	#	85
27) 2,4-Dimethylphenol	9.957	122	7302	2.918	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	14413	3.652	ng		93
29) 2,4-Dichlorophenol	10.439	162	8718	3.154	ng		93
30) 1,2,4-Trichlorobenzene	10.651	180	10712	3.351	ng		94
31) Naphthalene	10.839	128	30594	3.576	ng		99
32) Benzoic acid	10.039	122	2611	6.216	ng		89
33) 4-Chloroaniline	10.963	127	10755	2.864	ng	#	92
34) Hexachlorobutadiene	11.110	225	7848	3.501	ng		95
35) Caprolactam	11.733	113	1998	2.557	ng	#	79
36) 4-Chloro-3-methylphenol	12.075	107	8561	2.840	ng		92
37) 2-Methylnaphthalene	12.445	142	19781	3.163	ng		97
38) 1-Methylnaphthalene	12.663	142	18710	3.186	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	12259	3.411	ng		98
41) Hexachlorocyclopentadiene	12.775	237	6515	3.188	ng		92
43) 2,4,6-Trichlorophenol	13.051	196	6919	3.045	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038480.D
Acq On : 18 Jan 2023 15:05
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 06:13:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	7899	2.949	ng		92
46) 1,1'-Biphenyl	13.445	154	27025	3.627	ng		95
47) 2-Chloronaphthalene	13.492	162	21076	3.594	ng		93
48) 2-Nitroaniline	13.710	65	6213	4.785	ng		92
49) Acenaphthylene	14.333	152	28034	3.032	ng		99
50) Dimethylphthalate	14.069	163	24219	3.112	ng		99
51) 2,6-Dinitrotoluene	14.198	165	4685	2.959	ng		97
52) Acenaphthene	14.674	154	18455	3.285	ng		97
53) 3-Nitroaniline	14.539	138	3913	4.771	ng	#	91
54) 2,4-Dinitrophenol	14.739	184	1852	6.790	ng	#	71
55) Dibenzofuran	15.004	168	32027	3.348	ng		99
56) 4-Nitrophenol	14.839	139	2662	5.711	ng	#	79
57) 2,4-Dinitrotoluene	14.986	165	5348	2.430	ng	#	96
58) Fluorene	15.657	166	24290	3.039	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	6955	2.928	ng	#	97
60) Diethylphthalate	15.421	149	25596	3.206	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	12911	2.943	ng		98
62) 4-Nitroaniline	15.686	138	3243	4.572	ng	#	79
63) Azobenzene	15.939	77	27472	3.127	ng		97
65) 4,6-Dinitro-2-methylph...	15.739	198	3153	2.179	ng		93
66) n-Nitrosodiphenylamine	15.863	169	19317	3.087	ng		95
67) 4-Bromophenyl-phenylether	16.539	248	8079	3.275	ng		99
68) Hexachlorobenzene	16.651	284	9361	3.389	ng		98
69) Atrazine	16.810	200	7146	3.230	ng		96
70) Pentachlorophenol	17.004	266	4497	2.230	ng		89
71) Phenanthrene	17.392	178	39299	3.331	ng		98
72) Anthracene	17.486	178	37751	3.114	ng		97
73) Carbazole	17.762	167	31758	2.995	ng		98
74) Di-n-butylphthalate	18.304	149	37772	3.000	ng		98
75) Fluoranthene	19.404	202	44147	2.977	ng		96
77) Benzidine	19.592	184	14099	3.015	ng	#	95
78) Pyrene	19.762	202	46210	3.253	ng		99
80) Butylbenzylphthalate	20.651	149	16670	3.211	ng		93
81) Benzo(a)anthracene	21.509	228	50310	3.277	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	17185	3.477	ng		99
83) Chrysene	21.562	228	51339	3.442	ng		97
84) Bis(2-ethylhexyl)phtha...	21.421	149	22889	3.067	ng		99
85) Di-n-octyl phthalate	22.345	149	41348	3.149	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.462	276	60628	3.196	ng		97
88) Benzo(b)fluoranthene	23.203	252	53885	3.391	ng	#	98
89) Benzo(k)fluoranthene	23.250	252	55163	3.357	ng		99
90) Benzo(a)pyrene	23.833	252	47188	3.026	ng	#	94
91) Dibenzo(a,h)anthracene	26.474	278	52302	3.286	ng		100
92) Benzo(g,h,i)perylene	27.238	276	55823	3.535	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038480.D
Acq On : 18 Jan 2023 15:05
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 19 06:13:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023