Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038481.D
Acq On : 18 Jan 2023 15:48
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 19 06:14:25 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	41952	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	143370	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	87683	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	200441	20.000	ng		0.00
76) Chrysene-d12	21.527	240	216797	20.000	ng		0.00
86) Perylene-d12	23.944	264	270656	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	310466	112.887	ng		0.00
7) Phenol-d6	7.134	99	379867	107.825	ng		0.00
23) Nitrobenzene-d5	9.145	82	264591	75.196	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	153091	103.281	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	493834	70.237	ng		0.00
79) Terphenyl-d14	19.962	244	873883	75.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	10592	8.428	ng		97
3) Pyridine	3.810	79	23919m	6.579	ng		
4) n-Nitrosodimethylamine	3.710	42	17107	7.952	ng	#	96
6) Aniline	7.304	93	30087	6.761	ng		98
8) 2-Chlorophenol	7.534	128	20302	7.456	ng		92
9) Benzaldehyde	7.116	77	23685	10.054	ng		87
10) Phenol	7.163	94	28143	7.666	ng		97
11) bis(2-Chloroethyl)ether	7.398	93	21399	7.193	ng		96
12) 1,3-Dichlorobenzene	7.857	146	21762	7.460	ng		99
13) 1,4-Dichlorobenzene	8.010	146	22881	7.797	ng		99
14) 1,2-Dichlorobenzene	8.328	146	21677	7.554	ng		92
15) Benzyl Alcohol	8.222	79	19706	6.984	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	32308	7.789	ng		97
17) 2-Methylphenol	8.422	107	16118	6.500	ng		96
18) Hexachloroethane	9.051	117	9360	7.787	ng		92
19) n-Nitroso-di-n-propyla...	8.787	70	18738	7.327	ng	#	96
20) 3+4-Methylphenols	8.751	107	20839	6.259	ng		93
22) Acetophenone	8.804	105	33685	7.949	ng	#	86
24) Nitrobenzene	9.187	77	28922	7.779	ng		97
25) Isophorone	9.710	82	44628	7.160	ng		100
26) 2-Nitrophenol	9.904	139	8976	6.877	ng		95
27) 2,4-Dimethylphenol	9.957	122	14636	6.585	ng		96
28) bis(2-Chloroethoxy)met...	10.198	93	25679	7.326	ng	#	97
29) 2,4-Dichlorophenol	10.439	162	16065	6.543	ng		92
30) 1,2,4-Trichlorobenzene	10.645	180	18928	6.666	ng		96
31) Naphthalene	10.834	128	54128	7.124	ng		98
32) Benzoic acid	10.034	122	7278m	8.623	ng		
33) 4-Chloroaniline	10.957	127	21019	6.302	ng		94
34) Hexachlorobutadiene	11.110	225	14539	7.302	ng		95
35) Caprolactam	11.733	113	3659	5.272	ng		92
36) 4-Chloro-3-methylphenol	12.075	107	16941	6.328	ng		93
37) 2-Methylnaphthalene	12.439	142	35011	6.302	ng		89
38) 1-Methylnaphthalene	12.663	142	33632	6.448	ng		97
40) 1,2,4,5-Tetrachloroben...	12.810	216	23156	7.056	ng		98
41) Hexachlorocyclopentadiene	12.780	237	12591	6.748	ng		96
43) 2,4,6-Trichlorophenol	13.051	196	13819	6.661	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	14877	6.082	ng		96
46) 1,1'-Biphenyl	13.445	154	49842	7.327	ng		99
47) 2-Chloronaphthalene	13.486	162	38447	7.181	ng		97
48) 2-Nitroaniline	13.704	65	12293	7.806	ng		93
49) Acenaphthylene	14.333	152	55624	6.590	ng		98
50) Dimethylphthalate	14.069	163	46906	6.601	ng		98
51) 2,6-Dinitrotoluene	14.192	165	8762	6.061	ng	#	68
52) Acenaphthene	14.674	154	35406	6.902	ng		97
53) 3-Nitroaniline	14.527	138	7992	7.394	ng		95
54) 2,4-Dinitrophenol	14.739	184	4506	9.046	ng		92
55) Dibenzofuran	15.004	168	58194	6.663	ng		93
56) 4-Nitrophenol	14.833	139	6132	8.348	ng		93
57) 2,4-Dinitrotoluene	14.980	165	11655	5.800	ng	#	81
58) Fluorene	15.651	166	45782	6.274	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	13095	6.038	ng		94
60) Diethylphthalate	15.421	149	47452	6.509	ng		96
61) 4-Chlorophenyl-phenyle...	15.645	204	25436	6.350	ng		92
62) 4-Nitroaniline	15.686	138	7959	7.352	ng		97
63) Azobenzene	15.939	77	56253	7.013	ng		97
65) 4,6-Dinitro-2-methylph...	15.739	198	7207	5.299	ng		81
66) n-Nitrosodiphenylamine	15.863	169	38360	6.522	ng		99
67) 4-Bromophenyl-phenylether	16.539	248	14870	6.413	ng		94
68) Hexachlorobenzene	16.651	284	17677	6.809	ng		94
69) Atrazine	16.810	200	14537	6.990	ng		93
70) Pentachlorophenol	16.998	266	9669	5.101	ng	#	86
71) Phenanthrene	17.392	178	76782	6.924	ng		98
72) Anthracene	17.486	178	73300	6.432	ng		98
73) Carbazole	17.757	167	64553	6.477	ng		97
74) Di-n-butylphthalate	18.310	149	77545	6.551	ng		97
75) Fluoranthene	19.404	202	86652	6.216	ng		99
77) Benzidine	19.592	184	36760	7.738	ng		97
78) Pyrene	19.768	202	93953	6.512	ng		98
80) Butylbenzylphthalate	20.651	149	33121	6.281	ng	#	80
81) Benzo(a)anthracene	21.509	228	104552	6.705	ng		97
82) 3,3'-Dichlorobenzidine	21.445	252	38230	7.614	ng		95
83) Chrysene	21.562	228	102691	6.777	ng		98
84) Bis(2-ethylhexyl)phtha...	21.421	149	49579	6.540	ng		96
85) Di-n-octyl phthalate	22.350	149	91718	6.876	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.468	276	132712	6.626	ng		97
88) Benzo(b)fluoranthene	23.203	252	114109	6.799	ng		97
89) Benzo(k)fluoranthene	23.250	252	113196	6.522	ng		97
90) Benzo(a)pyrene	23.839	252	100293	6.090	ng		98
91) Dibenzo(a,h)anthracene	26.474	278	114353	6.803	ng		98
92) Benzo(g,h,i)perylene	27.238	276	120168	7.206	ng	#	95

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

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