Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038479.D
Acq On : 18 Jan 2023 14:27
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-10ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 19 06:13:18 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 :
LOQ-WATER-02-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	55311	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	193126	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	118282	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	267455	20.000	ng		0.00
76) Chrysene-d12	21.527	240	273363	20.000	ng		0.00
86) Perylene-d12	23.944	264	313634	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	389399	107.391	ng		0.00
7) Phenol-d6	7.140	99	493193	106.181	ng		0.00
23) Nitrobenzene-d5	9.151	82	362887	76.561	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	208741	104.394	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	693852	73.156	ng		0.00
79) Terphenyl-d14	19.962	244	1182044	80.948	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	15927	9.612	ng		99
3) Pyridine	3.804	79	35808m	7.470	ng		
4) n-Nitrosodimethylamine	3.710	42	25972m	9.157	ng		
6) Aniline	7.304	93	49713	8.474	ng		95
8) 2-Chlorophenol	7.534	128	31832	8.867	ng		94
9) Benzaldehyde	7.116	77	36449	11.735	ng		92
10) Phenol	7.163	94	43221	8.929	ng		96
11) bis(2-Chloroethyl)ether	7.398	93	34760	8.862	ng		99
12) 1,3-Dichlorobenzene	7.863	146	35104	9.128	ng		97
13) 1,4-Dichlorobenzene	8.010	146	35712	9.230	ng		97
14) 1,2-Dichlorobenzene	8.328	146	34959	9.241	ng		93
15) Benzyl Alcohol	8.222	79	32398	8.709	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.510	45	53070	9.704	ng		97
17) 2-Methylphenol	8.422	107	26706	8.169	ng		94
18) Hexachloroethane	9.057	117	15311	9.661	ng		92
19) n-Nitroso-di-n-propyla...	8.786	70	30032	8.907	ng		98
20) 3+4-Methylphenols	8.751	107	35220	8.024	ng		97
22) Acetophenone	8.810	105	54419	9.533	ng	#	94
24) Nitrobenzene	9.192	77	48018	9.588	ng		95
25) Isophorone	9.716	82	74642	8.890	ng		100
26) 2-Nitrophenol	9.904	139	14571	8.287	ng		88
27) 2,4-Dimethylphenol	9.963	122	24290	8.113	ng		92
28) bis(2-Chloroethoxy)met...	10.198	93	42451	8.991	ng		94
29) 2,4-Dichlorophenol	10.433	162	27835	8.416	ng		95
30) 1,2,4-Trichlorobenzene	10.645	180	33383	8.728	ng		100
31) Naphthalene	10.839	128	89697	8.764	ng		99
32) Benzoic acid	10.045	122	13627m	10.000	ng		
33) 4-Chloroaniline	10.957	127	35736	7.955	ng		92
34) Hexachlorobutadiene	11.110	225	23554	8.782	ng		94
35) Caprolactam	11.733	113	9488	10.149	ng	#	79
36) 4-Chloro-3-methylphenol	12.074	107	29580	8.202	ng		94
37) 2-Methylnaphthalene	12.439	142	60521	8.087	ng		95
38) 1-Methylnaphthalene	12.663	142	56267	8.009	ng		92
40) 1,2,4,5-Tetrachloroben...	12.810	216	39248	8.866	ng		99
41) Hexachlorocyclopentadiene	12.780	237	22006	8.742	ng		99
43) 2,4,6-Trichlorophenol	13.051	196	23754	8.488	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	25271	7.659	ng		94
46) 1,1'-Biphenyl	13.445	154	82173	8.955	ng		99
47) 2-Chloronaphthalene	13.492	162	64816	8.974	ng		99
48) 2-Nitroaniline	13.704	65	20845	9.248	ng		97
49) Acenaphthylene	14.333	152	95770	8.410	ng		99
50) Dimethylphthalate	14.068	163	79736	8.318	ng		99
51) 2,6-Dinitrotoluene	14.192	165	15114	7.750	ng	#	85
52) Acenaphthene	14.674	154	58398	8.439	ng		95
53) 3-Nitroaniline	14.527	138	13973	8.799	ng		97
54) 2,4-Dinitrophenol	14.739	184	8456	10.458	ng		92
55) Dibenzofuran	15.004	168	99654	8.458	ng		97
56) 4-Nitrophenol	14.833	139	10899	9.735	ng	#	80
57) 2,4-Dinitrotoluene	14.980	165	20136	7.428	ng		92
58) Fluorene	15.657	166	78001	7.924	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	21994	7.518	ng		96
60) Diethylphthalate	15.421	149	79383	8.073	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	43238	8.002	ng		97
62) 4-Nitroaniline	15.686	138	14128	8.751	ng		95
63) Azobenzene	15.939	77	96356	8.905	ng		98
65) 4,6-Dinitro-2-methylph...	15.739	198	16029	8.832	ng		89
66) n-Nitrosodiphenylamine	15.862	169	66748	8.505	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	25105	8.115	ng		95
68) Hexachlorobenzene	16.657	284	29743	8.586	ng		97
69) Atrazine	16.809	200	24869	8.961	ng		98
70) Pentachlorophenol	17.004	266	25042	9.902	ng		100
71) Phenanthrene	17.392	178	122758	8.296	ng		99
72) Anthracene	17.486	178	123512	8.122	ng		98
73) Carbazole	17.756	167	106145	7.982	ng		98
74) Di-n-butylphthalate	18.309	149	125156	7.924	ng		98
75) Fluoranthene	19.403	202	151271	8.132	ng		99
77) Benzidine	19.592	184	65868	10.997	ng		96
78) Pyrene	19.768	202	156283	8.591	ng		99
80) Butylbenzylphthalate	20.650	149	55479	8.343	ng		87
81) Benzo(a)anthracene	21.509	228	165909	8.439	ng		98
82) 3,3'-Dichlorobenzidine	21.444	252	59849	9.454	ng		97
83) Chrysene	21.562	228	161476	8.452	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	79260	8.291	ng		96
85) Di-n-octyl phthalate	22.350	149	136799	8.133	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.462	276	180326	7.769	ng		97
88) Benzo(b)fluoranthene	23.203	252	166496m	8.561	ng		
89) Benzo(k)fluoranthene	23.250	252	165902	8.249	ng		99
90) Benzo(a)pyrene	23.833	252	146862	7.695	ng		98
91) Dibenzo(a,h)anthracene	26.474	278	158017	8.113	ng		98
92) Benzo(g,h,i)perylene	27.238	276	160563	8.309	ng		97

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

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