Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
Data File : BM038508.D
Acq On : 23 Jan 2023 13:16
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER 5ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 05:11:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/24/2023
Supervised By :Jagrut Upadhyay
01/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	59551	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	188705	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	120137	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	275592	20.000	ng	#	0.00
76) Chrysene-d12	21.521	240	304650	20.000	ng		0.00
86) Perylene-d12	23.933	264	401687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	324918	90.197	ng		0.00
7) Phenol-d6	7.128	99	499722	108.727	ng		0.00
23) Nitrobenzene-d5	9.139	82	319990	73.637	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	227544	131.528	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	714511	73.262	ng		0.00
79) Terphenyl-d14	19.956	244	1157339	74.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	7604	4.500	ng		95
3) Pyridine	3.810	79	16747m	3.774	ng		
4) n-Nitrosodimethylamine	3.710	42	9611	4.562	ng	#	83
6) Aniline	7.292	93	24375	4.273	ng	#	96
8) 2-Chlorophenol	7.522	128	18292	4.971	ng		91
9) Benzaldehyde	7.110	77	17559m	6.441	ng		
10) Phenol	7.157	94	22619	4.925	ng		87
11) bis(2-Chloroethyl)ether	7.387	93	17914	4.944	ng		95
12) 1,3-Dichlorobenzene	7.851	146	20770	4.965	ng		95
13) 1,4-Dichlorobenzene	7.998	146	21318	5.043	ng		97
14) 1,2-Dichlorobenzene	8.316	146	20263	4.949	ng		94
15) Benzyl Alcohol	8.210	79	16330	4.752	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.487	45	17302	4.547	ng		94
17) 2-Methylphenol	8.416	107	12656	3.893	ng		94
18) Hexachloroethane	9.045	117	7794	4.960	ng		94
19) n-Nitroso-di-n-propyla...	8.775	70	13352	4.100	ng	#	94
20) 3+4-Methylphenols	8.739	107	17107	3.927	ng		93
22) Acetophenone	8.798	105	24735	4.758	ng	#	99
24) Nitrobenzene	9.181	77	24192m	5.502	ng		
25) Isophorone	9.704	82	33508	4.673	ng		97
26) 2-Nitrophenol	9.892	139	7718	4.422	ng		98
27) 2,4-Dimethylphenol	9.945	122	9350	3.219	ng		95
28) bis(2-Chloroethoxy)met...	10.192	93	19118	4.557	ng		95
29) 2,4-Dichlorophenol	10.428	162	15382	4.514	ng		97
30) 1,2,4-Trichlorobenzene	10.639	180	19771	5.073	ng		97
31) Naphthalene	10.828	128	48397	4.721	ng		98
32) Benzoic acid	10.028	122	5601m	7.765	ng		
33) 4-Chloroaniline	10.951	127	18043	4.217	ng		96
34) Hexachlorobutadiene	11.098	225	13870	5.411	ng		93
35) Caprolactam	11.727	113	2304	2.789	ng		92
36) 4-Chloro-3-methylphenol	12.069	107	13535	4.368	ng		92
37) 2-Methylnaphthalene	12.433	142	31351	4.255	ng	#	90
38) 1-Methylnaphthalene	12.651	142	29457m	4.239	ng		
40) 1,2,4,5-Tetrachloroben...	12.798	216	20891	4.623	ng		99
41) Hexachlorocyclopentadiene	12.769	237	9398	3.784	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	12364	4.274	ng		97

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44) 2,4,5-Trichlorophenol	13.116	196	13901	4.103	ng		95
46) 1,1'-Biphenyl	13.439	154	43195	4.489	ng		98
47) 2-Chloronaphthalene	13.480	162	35805	4.767	ng		95
48) 2-Nitroaniline	13.698	65	8646	3.920	ng		92
49) Acenaphthylene	14.327	152	49063	4.175	ng		99
50) Dimethylphthalate	14.057	163	42325	4.577	ng		99
51) 2,6-Dinitrotoluene	14.186	165	7670	3.941	ng		90
52) Acenaphthene	14.663	154	32035	4.470	ng		98
53) 3-Nitroaniline	14.521	138	6452	3.336	ng	#	89
54) 2,4-Dinitrophenol	14.733	184	4031	7.353	ng		90
55) Dibenzofuran	14.998	168	54958	4.587	ng		96
56) 4-Nitrophenol	14.827	139	5037	3.163	ng		95
57) 2,4-Dinitrotoluene	14.974	165	9625	3.648	ng	#	87
58) Fluorene	15.645	166	42412	4.365	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	12242	4.420	ng	#	96
60) Diethylphthalate	15.415	149	39179	4.326	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	23502	4.607	ng		98
62) 4-Nitroaniline	15.680	138	6187	5.983	ng		88
63) Azobenzene	15.933	77	40675	4.239	ng		100
65) 4,6-Dinitro-2-methylph...	15.733	198	6028	3.370	ng		90
66) n-Nitrosodiphenylamine	15.857	169	34955	4.225	ng		97
67) 4-Bromophenyl-phenylether	16.533	248	14043	4.594	ng		99
68) Hexachlorobenzene	16.645	284	17255	5.231	ng		95
69) Atrazine	16.804	200	12536	4.542	ng		99
70) Pentachlorophenol	16.998	266	8887	3.784	ng		93
71) Phenanthrene	17.386	178	69978	4.547	ng		99
72) Anthracene	17.480	178	68022	4.344	ng		97
73) Carbazole	17.751	167	59349	4.303	ng		98
74) Di-n-butylphthalate	18.304	149	60205	3.974	ng	#	98
75) Fluoranthene	19.398	202	81799	4.422	ng		96
77) Benzidine	19.592	184	14612	2.105	ng		100
78) Pyrene	19.762	202	86769	4.090	ng		99
80) Butylbenzylphthalate	20.645	149	25674	3.500	ng		95
81) Benzo(a)anthracene	21.503	228	99434	4.606	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	29509	4.256	ng	#	97
83) Chrysene	21.556	228	95894	4.542	ng		99
84) Bis(2-ethylhexyl)phtha...	21.415	149	36957	3.476	ng		96
85) Di-n-octyl phthalate	22.344	149	70655	3.738	ng		96
87) Indeno(1,2,3-cd)pyrene	26.444	276	140107	4.714	ng		98
88) Benzo(b)fluoranthene	23.197	252	112495	4.643	ng		98
89) Benzo(k)fluoranthene	23.244	252	109259	4.358	ng		99
90) Benzo(a)pyrene	23.827	252	102449	4.264	ng		96
91) Dibenzo(a,h)anthracene	26.462	278	121529	4.912	ng	#	96
92) Benzo(g,h,i)perylene	27.226	276	126992	5.011	ng		96

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

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