Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
Data File : BM038523.D
Acq On : 24 Jan 2023 13:18
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-10ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 03:14:38 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 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	73574	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	249674	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	160665	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	375065	20.000	ng		0.00
76) Chrysene-d12	21.515	240	417685	20.000	ng		0.00
86) Perylene-d12	23.927	264	491930	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	432576	97.195	ng		0.00
7) Phenol-d6	7.128	99	553880	97.541	ng		0.00
23) Nitrobenzene-d5	9.134	82	376453	65.475	ng		-0.01
42) 2,4,6-Tribromophenol	16.086	330	254955	110.197	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	869645	66.676	ng		0.00
79) Terphenyl-d14	19.956	244	1397036	65.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	17253	8.265	ng		99
3) Pyridine	3.799	79	41014m	7.481	ng		
4) n-Nitrosodimethylamine	3.699	42	21186	8.140	ng		98
6) Aniline	7.293	93	60723	8.615	ng		97
8) 2-Chlorophenol	7.522	128	41422	9.111	ng		97
9) Benzaldehyde	7.104	77	35789m	10.626	ng		
10) Phenol	7.151	94	53001	9.341	ng		96
11) bis(2-Chloroethyl)ether	7.387	93	39661	8.859	ng		94
12) 1,3-Dichlorobenzene	7.845	146	49572	9.591	ng		97
13) 1,4-Dichlorobenzene	7.998	146	50637	9.696	ng		98
14) 1,2-Dichlorobenzene	8.316	146	48615	9.610	ng		97
15) Benzyl Alcohol	8.210	79	36511	8.600	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.498	45	43329m	9.216	ng		
17) 2-Methylphenol	8.410	107	31570	7.861	ng		97
18) Hexachloroethane	9.039	117	18438	9.496	ng		98
19) n-Nitroso-di-n-propyla...	8.775	70	34313	8.715	ng		98
20) 3+4-Methylphenols	8.739	107	42215	7.843	ng		96
22) Acetophenone	8.798	105	56754	8.251	ng	#	98
24) Nitrobenzene	9.181	77	54973	9.450	ng		98
25) Isophorone	9.698	82	81085	8.546	ng		98
26) 2-Nitrophenol	9.892	139	19283	8.351	ng		97
27) 2,4-Dimethylphenol	9.945	122	21566	5.612	ng		90
28) bis(2-Chloroethoxy)met...	10.186	93	40121	7.228	ng		98
29) 2,4-Dichlorophenol	10.422	162	41396	9.182	ng		98
30) 1,2,4-Trichlorobenzene	10.633	180	48510	9.408	ng		99
31) Naphthalene	10.822	128	122115	9.003	ng		98
32) Benzoic acid	10.045	122	25333	13.027	ng		96
33) 4-Chloroaniline	10.945	127	48502	8.567	ng		96
34) Hexachlorobutadiene	11.098	225	33667	9.927	ng		97
35) Caprolactam	11.722	113	11452	10.477	ng		97
36) 4-Chloro-3-methylphenol	12.057	107	36080	8.800	ng		90
37) 2-Methylnaphthalene	12.427	142	82718	8.486	ng		97
38) 1-Methylnaphthalene	12.651	142	79705	8.670	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	50783	8.403	ng		99
41) Hexachlorocyclopentadiene	12.769	237	31766	9.563	ng		96
43) 2,4,6-Trichlorophenol	13.039	196	33849	8.749	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	38153	8.420	ng		99
46) 1,1'-Biphenyl	13.433	154	105487	8.198	ng		99
47) 2-Chloronaphthalene	13.480	162	92440	9.203	ng		98
48) 2-Nitroaniline	13.692	65	23031	7.808	ng		97
49) Acenaphthylene	14.321	152	135598	8.629	ng		100
50) Dimethylphthalate	14.057	163	107864	8.721	ng		99
51) 2,6-Dinitrotoluene	14.186	165	21765	8.362	ng		97
52) Acenaphthene	14.663	154	84001	8.765	ng		96
53) 3-Nitroaniline	14.516	138	19578	7.569	ng		91
54) 2,4-Dinitrophenol	14.727	184	13035	10.875	ng		95
55) Dibenzofuran	14.998	168	143219	8.938	ng		97
56) 4-Nitrophenol	14.821	139	17768	8.342	ng		94
57) 2,4-Dinitrotoluene	14.968	165	28708	8.137	ng		90
58) Fluorene	15.645	166	112986	8.696	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.221	232	33584	9.067	ng		96
60) Diethylphthalate	15.410	149	104342	8.615	ng		99
61) 4-Chlorophenyl-phenyle...	15.633	204	60795	8.912	ng		99
62) 4-Nitroaniline	15.674	138	20665m	9.841	ng		
63) Azobenzene	15.927	77	108417	8.449	ng		98
65) 4,6-Dinitro-2-methylph...	15.733	198	24307	9.984	ng		93
66) n-Nitrosodiphenylamine	15.851	169	95281	8.462	ng		98
67) 4-Bromophenyl-phenylether	16.527	248	37018	8.898	ng		98
68) Hexachlorobenzene	16.645	284	43917	9.783	ng		96
69) Atrazine	16.798	200	31265	8.323	ng		94
70) Pentachlorophenol	16.992	266	34655	10.842	ng		99
71) Phenanthrene	17.380	178	184196	8.794	ng		98
72) Anthracene	17.474	178	181532	8.517	ng		99
73) Carbazole	17.751	167	163893	8.732	ng		98
74) Di-n-butylphthalate	18.298	149	165336	8.018	ng		99
75) Fluoranthene	19.392	202	223732	8.888	ng		98
77) Benzidine	19.586	184	73360	7.707	ng		99
78) Pyrene	19.756	202	242147	8.326	ng		98
80) Butylbenzylphthalate	20.645	149	73144	7.273	ng		99
81) Benzo(a)anthracene	21.497	228	260135	8.789	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	83479	8.781	ng		99
83) Chrysene	21.550	228	255549	8.829	ng		99
84) Bis(2-ethylhexyl)phtha...	21.409	149	106506	7.307	ng	#	97
85) Di-n-octyl phthalate	22.339	149	190667	7.357	ng		99
87) Indeno(1,2,3-cd)pyrene	26.438	276	320811	8.813	ng		99
88) Benzo(b)fluoranthene	23.186	252	292687	9.863	ng		98
89) Benzo(k)fluoranthene	23.239	252	277285	9.030	ng	#	98
90) Benzo(a)pyrene	23.821	252	253448	8.615	ng		98
91) Dibenzo(a,h)anthracene	26.450	278	281095	9.277	ng		99
92) Benzo(g,h,i)perylene	27.215	276	285050	9.184	ng		96

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

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