Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
Data File : BM039032.D
Acq On : 17 Mar 2023 12:46
Operator : CG/JU
Sample : 01627-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 01:44:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	296152	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1165278	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	653870	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	1276559	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1109791	20.000	ng		0.00
86) Perylene-d12	23.980	264	1141739	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2225712	114.181	ng		0.00
7) Phenol-d6	7.134	99	2856458	112.818	ng		0.00
23) Nitrobenzene-d5	9.145	82	1969322	83.015	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	832178	110.015	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	3992122	79.480	ng		0.00
79) Terphenyl-d14	19.980	244	5085568	83.782	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	34947	4.030	ng		98
3) Pyridine	3.816	79	77934m	3.240	ng		
4) n-Nitrosodimethylamine	3.716	42	36507	3.730	ng	#	90
6) Aniline	7.298	93	122556	3.687	ng		99
8) 2-Chlorophenol	7.534	128	79844	3.847	ng		96
9) Benzaldehyde	7.110	77	79011m	6.558	ng		
10) Phenol	7.157	94	101841	3.788	ng		93
11) bis(2-Chloroethyl)ether	7.398	93	83446	3.817	ng		95
12) 1,3-Dichlorobenzene	7.863	146	87431	3.964	ng		94
13) 1,4-Dichlorobenzene	8.010	146	86573	3.860	ng		96
14) 1,2-Dichlorobenzene	8.334	146	84734	3.922	ng		97
15) Benzyl Alcohol	8.216	79	67395	3.714	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.516	45	116002	4.202	ng		99
17) 2-Methylphenol	8.416	107	61430	3.326	ng		98
18) Hexachloroethane	9.063	117	32729	3.955	ng		96
19) n-Nitroso-di-n-propyla...	8.787	70	62242	3.903	ng		98
20) 3+4-Methylphenols	8.745	107	79367	3.218	ng		98
22) Acetophenone	8.804	105	128356	3.926	ng	#	99
24) Nitrobenzene	9.187	77	100920	4.047	ng		99
25) Isophorone	9.710	82	160730	3.682	ng		99
26) 2-Nitrophenol	9.898	139	32884	5.791	ng		99
27) 2,4-Dimethylphenol	9.957	122	67184	3.532	ng		94
28) bis(2-Chloroethoxy)met...	10.198	93	107432	3.830	ng		98
29) 2,4-Dichlorophenol	10.428	162	58105	3.222	ng		98
30) 1,2,4-Trichlorobenzene	10.651	180	72175	3.662	ng		99
31) Naphthalene	10.839	128	243397	3.663	ng		99
32) Benzoic acid	10.010	122	22906	7.178	ng		94
33) 4-Chloroaniline	10.951	127	95706	3.380	ng		99
34) Hexachlorobutadiene	11.128	225	39528	3.498	ng		99
35) Caprolactam	11.710	113	16459m	2.999	ng		
36) 4-Chloro-3-methylphenol	12.063	107	63078	3.285	ng		97
37) 2-Methylnaphthalene	12.445	142	157810	3.543	ng		100
38) 1-Methylnaphthalene	12.663	142	146909	3.520	ng		98
40) 1,2,4,5-Tetrachloroben...	12.810	216	76122	3.581	ng		99
41) Hexachlorocyclopentadiene	12.792	237	44190	3.787	ng		99
43) 2,4,6-Trichlorophenol	13.051	196	42451	3.084	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	45540	2.826	ng		99
46) 1,1'-Biphenyl	13.451	154	217383	3.924	ng		98
47) 2-Chloronaphthalene	13.492	162	156081	3.737	ng		99
48) 2-Nitroaniline	13.692	65	35682	4.760	ng		92
49) Acenaphthylene	14.339	152	221674	3.332	ng		99
50) Dimethylphthalate	14.069	163	179063	3.559	ng		99
51) 2,6-Dinitrotoluene	14.186	165	29026	4.049	ng	#	77
52) Acenaphthene	14.680	154	145983	3.570	ng		99
53) 3-Nitroaniline	14.516	138	30823	3.880	ng		97
54) 2,4-Dinitrophenol	14.716	184	11026	6.803	ng		93
55) Dibenzofuran	15.010	168	230803	3.607	ng		97
56) 4-Nitrophenol	14.816	139	24847	2.487	ng		98
57) 2,4-Dinitrotoluene	14.969	165	33945	4.289	ng	#	85
58) Fluorene	15.657	166	177379	3.539	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	39369	3.168	ng		96
60) Diethylphthalate	15.433	149	168983	3.452	ng		99
61) 4-Chlorophenyl-phenyle...	15.657	204	86677	3.520	ng		99
62) 4-Nitroaniline	15.674	138	28870m	3.849	ng		
63) Azobenzene	15.945	77	166731	3.219	ng		98
65) 4,6-Dinitro-2-methylph...	15.733	198	15147	6.702	ng		90
66) n-Nitrosodiphenylamine	15.868	169	140698	3.269	ng		98
67) 4-Bromophenyl-phenylether	16.551	248	45773	3.320	ng		96
68) Hexachlorobenzene	16.663	284	55095	3.574	ng		97
69) Atrazine	16.815	200	41114	3.498	ng		99
70) Pentachlorophenol	17.004	266	26650	2.351	ng		96
71) Phenanthrene	17.398	178	269533	3.598	ng		98
72) Anthracene	17.492	178	244278	3.269	ng		99
73) Carbazole	17.762	167	221649	3.250	ng		99
74) Di-n-butylphthalate	18.327	149	251015	4.703	ng		99
75) Fluoranthene	19.415	202	264696	3.346	ng		98
77) Benzidine	19.598	184	111520	8.837	ng		99
78) Pyrene	19.774	202	282064	3.384	ng		99
80) Butylbenzylphthalate	20.674	149	94931	5.809	ng		94
81) Benzo(a)anthracene	21.521	228	275948	3.453	ng		99
82) 3,3'-Dichlorobenzidine	21.456	252	90864	3.699	ng		99
83) Chrysene	21.574	228	274333	3.529	ng		100
84) Bis(2-ethylhexyl)phtha...	21.450	149	150603	5.272	ng		98
85) Di-n-octyl phthalate	22.392	149	225253	6.236	ng		97
87) Indeno(1,2,3-cd)pyrene	26.509	276	280805	3.232	ng		97
88) Benzo(b)fluoranthene	23.233	252	267465	3.667	ng		98
89) Benzo(k)fluoranthene	23.280	252	257519	3.392	ng		99
90) Benzo(a)pyrene	23.868	252	214832	3.060	ng		97
91) Dibenzo(a,h)anthracene	26.532	278	238859	3.246	ng		97
92) Benzo(g,h,i)perylene	27.291	276	232379	3.228	ng		100

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

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