Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043988.D
Acq On : 06 Feb 2024 12:50
Operator : MA/JU
Sample : 03572-08
Misc : LOQ-WATER-10PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 07 03:05:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	279732	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1251738	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	780766	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1712258	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1748380	20.000	ng		0.00
86) Perylene-d12	23.927	264	2008919	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2734446	144.354	ng		0.00
7) Phenol-d6	7.087	99	3774442	134.860	ng		0.00
23) Nitrobenzene-d5	9.092	82	2171025	83.608	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1346039	141.429	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4837014	85.127	ng		0.00
79) Terphenyl-d14	19.956	244	8276485	91.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	85667	11.702	ng		99
3) Pyridine	3.799	79	213201	9.570	ng		98
4) n-Nitrosodimethylamine	3.716	42	96472	10.073	ng	#	99
6) Aniline	7.251	93	311341	11.180	ng		98
8) 2-Chlorophenol	7.481	128	204516	9.724	ng		98
9) Benzaldehyde	7.069	77	205415	12.807	ng		97
10) Phenol	7.110	94	279672	10.050	ng		94
11) bis(2-Chloroethyl)ether	7.357	93	226052	10.364	ng		100
12) 1,3-Dichlorobenzene	7.804	146	229674	10.115	ng		99
13) 1,4-Dichlorobenzene	7.957	146	236015	10.278	ng		99
14) 1,2-Dichlorobenzene	8.269	146	226520	10.002	ng		99
15) Benzyl Alcohol	8.169	79	188672	9.835	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	316399m	10.818	ng		
17) 2-Methylphenol	8.363	107	173446	9.750	ng		98
18) Hexachloroethane	8.998	117	87635	10.170	ng		99
19) n-Nitroso-di-n-propyla...	8.733	70	185478	10.071	ng		99
20) 3+4-Methylphenols	8.692	107	228646	9.107	ng		99
22) Acetophenone	8.751	105	360680	10.634	ng	#	99
24) Nitrobenzene	9.133	77	267026	10.249	ng		98
25) Isophorone	9.657	82	484868	10.031	ng		98
26) 2-Nitrophenol	9.839	139	94203	8.946	ng		95
27) 2,4-Dimethylphenol	9.898	122	159991	11.066	ng		96
28) bis(2-Chloroethoxy)met...	10.151	93	307908	10.431	ng		100
29) 2,4-Dichlorophenol	10.369	162	178047	9.655	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	209876	10.076	ng		98
31) Naphthalene	10.775	128	709894	10.175	ng		99
32) Benzoic acid	9.975	122	92413	11.679	ng		93
33) 4-Chloroaniline	10.892	127	300718	10.486	ng		98
34) Hexachlorobutadiene	11.051	225	112899	9.939	ng		99
35) Caprolactam	11.663	113	67439	8.918	ng		98
36) 4-Chloro-3-methylphenol	12.016	107	209039	9.257	ng		95
37) 2-Methylnaphthalene	12.386	142	480404	9.874	ng		99
38) 1-Methylnaphthalene	12.604	142	472316	9.724	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	232219	10.487	ng		99
41) Hexachlorocyclopentadiene	12.721	237	92266	12.669	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	139008	9.289	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	161075	9.434	ng		98
46) 1,1'-Biphenyl	13.398	154	649787	10.583	ng		99
47) 2-Chloronaphthalene	13.439	162	499055	10.192	ng		99
48) 2-Nitroaniline	13.651	65	147635	9.270	ng		97
49) Acenaphthylene	14.286	152	824111	11.010	ng		100
50) Dimethylphthalate	14.033	163	620350	10.229	ng		99
51) 2,6-Dinitrotoluene	14.151	165	123868	9.292	ng		93
52) Acenaphthene	14.627	154	476306	10.038	ng		99
53) 3-Nitroaniline	14.480	138	145451	9.399	ng	#	94
54) 2,4-Dinitrophenol	14.686	184	47083	12.589	ng		94
55) Dibenzofuran	14.963	168	773563	10.476	ng		100
56) 4-Nitrophenol	14.780	139	123230	9.112	ng		99
57) 2,4-Dinitrotoluene	14.933	165	163132	8.791	ng		97
58) Fluorene	15.615	166	628178	10.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	146677	9.965	ng		99
60) Diethylphthalate	15.398	149	616161	9.814	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	291690	10.026	ng		99
62) 4-Nitroaniline	15.639	138	157514	9.309	ng		98
63) Azobenzene	15.909	77	639690	10.201	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	68399	11.828	ng		90
66) n-Nitrosodiphenylamine	15.827	169	535292	10.495	ng		99
67) 4-Bromophenyl-phenylether	16.509	248	148409	8.798	ng		98
68) Hexachlorobenzene	16.609	284	198199	9.855	ng		98
69) Atrazine	16.786	200	171813	12.176	ng		99
70) Pentachlorophenol	16.956	266	105029	7.953	ng		98
71) Phenanthrene	17.356	178	1006071	10.549	ng		99
72) Anthracene	17.451	178	975467	10.447	ng		99
73) Carbazole	17.727	167	957114	9.898	ng		99
74) Di-n-butylphthalate	18.303	149	1009573	9.520	ng		100
75) Fluoranthene	19.380	202	1140760	9.672	ng		98
77) Benzidine	19.574	184	516315	23.275	ng		99
78) Pyrene	19.739	202	1232529	10.255	ng		99
80) Butylbenzylphthalate	20.662	149	445085	9.353	ng		97
81) Benzo(a)anthracene	21.497	228	1282857	10.459	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	420729	10.727	ng		99
83) Chrysene	21.550	228	1195129	10.170	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	677200	9.569	ng		99
85) Di-n-octyl phthalate	22.397	149	1102298	9.041	ng		100
87) Indeno(1,2,3-cd)pyrene	26.426	276	1459984	9.712	ng		99
88) Benzo(b)fluoranthene	23.191	252	1263484	9.999	ng		99
89) Benzo(k)fluoranthene	23.238	252	1243340	10.256	ng		99
90) Benzo(a)pyrene	23.815	252	1095411	9.807	ng		100
91) Dibenzo(a,h)anthracene	26.450	278	1209209	9.754	ng		99
92) Benzo(g,h,i)perylene	27.191	276	1179942	9.331	ng		99

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

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