Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043991.D
Acq On : 06 Feb 2024 14:39
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2023

Quant Time: Feb 07 03:07:33 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

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	286324	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1297531	20.000	ng		0.00
39) Acenaphthene-d10	14.562	164	818926	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1811167	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1858114	20.000	ng		0.00
86) Perylene-d12	23.927	264	2179546	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2169336	111.885	ng		0.00
7) Phenol-d6	7.087	99	2955168	103.156	ng		0.00
23) Nitrobenzene-d5	9.092	82	2433016	90.390	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	972989	97.468	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	5466570	91.723	ng		0.00
79) Terphenyl-d14	19.956	244	9448135	98.158	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	43367	5.787	ng		98
3) Pyridine	3.798	79	103336	4.532	ng		97
4) n-Nitrosodimethylamine	3.722	42	45206	4.611	ng	#	97
6) Aniline	7.251	93	158100	5.547	ng		97
8) 2-Chlorophenol	7.481	128	97976	4.551	ng		98
9) Benzaldehyde	7.069	77	107288	3.807	ng		97
10) Phenol	7.110	94	140299	4.926	ng		92
11) bis(2-Chloroethyl)ether	7.357	93	113298	5.075	ng		99
12) 1,3-Dichlorobenzene	7.810	146	114175	4.912	ng		98
13) 1,4-Dichlorobenzene	7.957	146	120788	5.139	ng		98
14) 1,2-Dichlorobenzene	8.269	146	113808	4.910	ng		99
15) Benzyl Alcohol	8.169	79	98287	5.006	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	158115m	5.281	ng		
17) 2-Methylphenol	8.363	107	82675	4.541	ng		98
18) Hexachloroethane	8.992	117	44549	5.051	ng		91
19) n-Nitroso-di-n-propyla...	8.733	70	91005	4.828	ng		98
20) 3+4-Methylphenols	8.692	107	112955	4.395	ng		98
22) Acetophenone	8.751	105	181349	5.158	ng	#	97
24) Nitrobenzene	9.133	77	141586	5.243	ng		99
25) Isophorone	9.657	82	234514	4.680	ng		98
26) 2-Nitrophenol	9.839	139	43973	4.029	ng		95
27) 2,4-Dimethylphenol	9.904	122	74458	4.968	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	154479	5.048	ng		99
29) 2,4-Dichlorophenol	10.369	162	83384	4.362	ng		96
30) 1,2,4-Trichlorobenzene	10.586	180	105377	4.881	ng		100
31) Naphthalene	10.775	128	359438	4.970	ng		99
32) Benzoic acid	9.963	122	42466m	8.901	ng		
33) 4-Chloroaniline	10.892	127	147677	4.968	ng		97
34) Hexachlorobutadiene	11.051	225	56274	4.779	ng		99
35) Caprolactam	11.657	113	30111	3.841	ng		94
36) 4-Chloro-3-methylphenol	12.016	107	99511	4.251	ng		98
37) 2-Methylnaphthalene	12.386	142	240906	4.777	ng		98
38) 1-Methylnaphthalene	12.604	142	235610m	4.680	ng		
40) 1,2,4,5-Tetrachloroben...	12.751	216	119612	5.150	ng		99
41) Hexachlorocyclopentadiene	12.721	237	41550	5.439	ng		95
43) 2,4,6-Trichlorophenol	12.998	196	64450	4.106	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	75105	4.194	ng	97
46) 1,1'-Biphenyl	13.404	154	324058	5.032	ng	99
47) 2-Chloronaphthalene	13.439	162	253100	4.928	ng	99
48) 2-Nitroaniline	13.651	65	69599	4.167	ng	93
49) Acenaphthylene	14.286	152	407240	5.187	ng	100
50) Dimethylphthalate	14.033	163	311233	4.893	ng	99
51) 2,6-Dinitrotoluene	14.151	165	59176	4.232	ng	93
52) Acenaphthene	14.627	154	240830	4.839	ng	99
53) 3-Nitroaniline	14.480	138	67245	4.143	ng	97
54) 2,4-Dinitrophenol	14.686	184	18973	9.405	ng	99
55) Dibenzofuran	14.962	168	396988	5.126	ng	99
56) 4-Nitrophenol	14.780	139	53016	3.737	ng	96
57) 2,4-Dinitrotoluene	14.933	165	73635	3.783	ng	94
58) Fluorene	15.615	166	316650	4.841	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	69166	4.480	ng	97
60) Diethylphthalate	15.398	149	307155	4.664	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	147941	4.848	ng	99
62) 4-Nitroaniline	15.639	138	70726	3.985	ng	96
63) Azobenzene	15.909	77	313408	4.765	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	28999	8.456	ng	89
66) n-Nitrosodiphenylamine	15.827	169	268221	4.972	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	64430	3.611	ng	96
68) Hexachlorobenzene	16.604	284	101180	4.756	ng	98
69) Atrazine	16.786	200	81658	5.471	ng	97
70) Pentachlorophenol	16.956	266	48209	3.451	ng	96
71) Phenanthrene	17.356	178	524500	5.199	ng	99
72) Anthracene	17.451	178	483509	4.896	ng	99
73) Carbazole	17.727	167	478969	4.683	ng	100
74) Di-n-butylphthalate	18.303	149	486652	4.338	ng	99
75) Fluoranthene	19.380	202	580507	4.653	ng	98
77) Benzidine	19.574	184	204690	8.682	ng	98
78) Pyrene	19.739	202	618640	4.844	ng	98
80) Butylbenzylphthalate	20.662	149	208112	4.115	ng	96
81) Benzo(a)anthracene	21.497	228	655929	5.032	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	194995	4.678	ng	99
83) Chrysene	21.550	228	618344	4.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	317327	4.219	ng	98
85) Di-n-octyl phthalate	22.391	149	513646	3.964	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	748442	4.589	ng	100
88) Benzo(b)fluoranthene	23.191	252	650076	4.742	ng	99
89) Benzo(k)fluoranthene	23.238	252	620349	4.716	ng	99
90) Benzo(a)pyrene	23.815	252	552062	4.556	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	619395	4.605	ng	99
92) Benzo(g,h,i)perylene	27.185	276	607769	4.430	ng	99

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

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