Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043992.D
Acq On : 06 Feb 2024 15:15
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-10PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 07 03:08:09 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-QT4-2023

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	303842	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1371180	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	861042	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1859960	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1860586	20.000	ng		0.00
86) Perylene-d12	23.927	264	2105145	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	3037842	147.645	ng		0.00
7) Phenol-d6	7.087	99	4126086	135.725	ng		0.00
23) Nitrobenzene-d5	9.093	82	2398335	84.316	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1397188	133.116	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	5345785	85.309	ng		0.00
79) Terphenyl-d14	19.957	244	8996317	93.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	95074	11.956	ng		99
3) Pyridine	3.793	79	232421	9.605	ng		98
4) n-Nitrosodimethylamine	3.717	42	105818	10.172	ng	#	99
6) Aniline	7.252	93	346452	11.454	ng		97
8) 2-Chlorophenol	7.481	128	220932	9.671	ng		96
9) Benzaldehyde	7.069	77	224595	12.929	ng		99
10) Phenol	7.116	94	304330	10.068	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	246272	10.395	ng		99
12) 1,3-Dichlorobenzene	7.804	146	252022	10.218	ng		97
13) 1,4-Dichlorobenzene	7.957	146	257349	10.317	ng		99
14) 1,2-Dichlorobenzene	8.269	146	248492	10.102	ng		99
15) Benzyl Alcohol	8.169	79	215799	10.357	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	348963m	10.984	ng		
17) 2-Methylphenol	8.363	107	187867	9.723	ng		97
18) Hexachloroethane	8.993	117	95955	10.251	ng		93
19) n-Nitroso-di-n-propyla...	8.734	70	203514	10.174	ng		99
20) 3+4-Methylphenols	8.693	107	257429	9.440	ng		99
22) Acetophenone	8.751	105	396472	10.671	ng		98
24) Nitrobenzene	9.134	77	294945	10.335	ng		99
25) Isophorone	9.657	82	535356	10.110	ng		99
26) 2-Nitrophenol	9.840	139	102917	8.923	ng		96
27) 2,4-Dimethylphenol	9.904	122	176532	11.146	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	343304	10.617	ng		98
29) 2,4-Dichlorophenol	10.369	162	201196	9.960	ng		96
30) 1,2,4-Trichlorobenzene	10.587	180	229536	10.060	ng		98
31) Naphthalene	10.775	128	775421	10.146	ng		99
32) Benzoic acid	9.975	122	100849	11.660	ng		94
33) 4-Chloroaniline	10.893	127	332456	10.583	ng		97
34) Hexachlorobutadiene	11.051	225	123351	9.913	ng		99
35) Caprolactam	11.663	113	74349	8.975	ng		95
36) 4-Chloro-3-methylphenol	12.010	107	236092	9.544	ng		99
37) 2-Methylnaphthalene	12.387	142	533450	10.009	ng		100
38) 1-Methylnaphthalene	12.604	142	519867	9.771	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	256505	10.504	ng		99
41) Hexachlorocyclopentadiene	12.722	237	97478	12.136	ng		99
43) 2,4,6-Trichlorophenol	12.992	196	157879	9.566	ng		99

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44) 2,4,5-Trichlorophenol	13.063	196	176725	9.386	ng	98
46) 1,1'-Biphenyl	13.398	154	708833	10.469	ng	99
47) 2-Chloronaphthalene	13.439	162	544993	10.093	ng	100
48) 2-Nitroaniline	13.651	65	164685	9.377	ng	98
49) Acenaphthylene	14.286	152	897737	10.876	ng	100
50) Dimethylphthalate	14.033	163	678119	10.139	ng	99
51) 2,6-Dinitrotoluene	14.151	165	139893	9.516	ng	98
52) Acenaphthene	14.628	154	523554	10.005	ng	99
53) 3-Nitroaniline	14.481	138	161105	9.439	ng	96
54) 2,4-Dinitrophenol	14.681	184	49204	12.318	ng	99
55) Dibenzofuran	14.963	168	851704	10.459	ng	100
56) 4-Nitrophenol	14.781	139	133279	8.936	ng	97
57) 2,4-Dinitrotoluene	14.933	165	178844	8.739	ng	96
58) Fluorene	15.616	166	688848	10.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	162782	10.028	ng	99
60) Diethylphthalate	15.398	149	680656	9.831	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	321615	10.024	ng	99
62) 4-Nitroaniline	15.639	138	170498	9.137	ng	98
63) Azobenzene	15.910	77	704145	10.182	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	75160	11.893	ng	95
66) n-Nitrosodiphenylamine	15.827	169	583756	10.536	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	136967	7.475	ng	98
68) Hexachlorobenzene	16.610	284	214821	9.833	ng	98
69) Atrazine	16.786	200	188788	12.317	ng	98
70) Pentachlorophenol	16.957	266	113650	7.923	ng	99
71) Phenanthrene	17.357	178	1089441	10.516	ng	99
72) Anthracene	17.451	178	1066399	10.514	ng	99
73) Carbazole	17.727	167	1041220	9.913	ng	100
74) Di-n-butylphthalate	18.304	149	1125446	9.770	ng	100
75) Fluoranthene	19.380	202	1236446	9.651	ng	98
77) Benzidine	19.574	184	523472	22.175	ng	99
78) Pyrene	19.739	202	1335751	10.444	ng	99
80) Butylbenzylphthalate	20.662	149	492722	9.729	ng	98
81) Benzo(a)anthracene	21.498	228	1373139	10.520	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	435707	10.439	ng	98
83) Chrysene	21.551	228	1256957	10.051	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	748084	9.933	ng	99
85) Di-n-octyl phthalate	22.398	149	1224607	9.439	ng	100
87) Indeno(1,2,3-cd)pyrene	26.427	276	1511886	9.598	ng	99
88) Benzo(b)fluoranthene	23.192	252	1331410	10.055	ng	100
89) Benzo(k)fluoranthene	23.245	252	1311963	10.327	ng	99
90) Benzo(a)pyrene	23.815	252	1157315	9.888	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1266015	9.745	ng	98
92) Benzo(g,h,i)perylene	27.186	276	1220006	9.207	ng	99

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

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