Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043997.D
Acq On : 06 Feb 2024 18:17
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 07 03:11:10 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-QT1-2024

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	313805	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1359059	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	846337	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1876244	20.000	ng		0.00
76) Chrysene-d12	21.515	240	2007000	20.000	ng		0.00
86) Perylene-d12	23.927	264	2321010	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2415253	113.659	ng		0.00
7) Phenol-d6	7.087	99	3137864	99.941	ng		0.00
23) Nitrobenzene-d5	9.093	82	2525775	89.588	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	940386	91.151	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	5744312	93.262	ng		0.00
79) Terphenyl-d14	19.957	244	10247391	98.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	57392	6.988	ng		98
3) Pyridine	3.799	79	134571	5.384	ng		97
4) n-Nitrosodimethylamine	3.723	42	58958	5.487	ng	#	98
6) Aniline	7.252	93	195815	6.268	ng		99
8) 2-Chlorophenol	7.481	128	124515	5.278	ng		96
9) Benzaldehyde	7.069	77	127602	4.606	ng		99
10) Phenol	7.111	94	176461	5.653	ng		95
11) bis(2-Chloroethyl)ether	7.358	93	143726	5.874	ng		98
12) 1,3-Dichlorobenzene	7.805	146	147983	5.809	ng		97
13) 1,4-Dichlorobenzene	7.958	146	151454	5.879	ng		98
14) 1,2-Dichlorobenzene	8.269	146	144828	5.701	ng		99
15) Benzyl Alcohol	8.169	79	116367	5.407	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	203285m	6.196	ng		
17) 2-Methylphenol	8.363	107	102337	5.128	ng		98
18) Hexachloroethane	8.993	117	55547	5.746	ng		94
19) n-Nitroso-di-n-propyla...	8.734	70	109763	5.313	ng		99
20) 3+4-Methylphenols	8.693	107	139081	4.938	ng		98
22) Acetophenone	8.752	105	218296	5.928	ng		98
24) Nitrobenzene	9.134	77	170235	6.018	ng		97
25) Isophorone	9.657	82	277602	5.289	ng		98
26) 2-Nitrophenol	9.840	139	53294	4.662	ng		96
27) 2,4-Dimethylphenol	9.899	122	94173	5.999	ng		97
28) bis(2-Chloroethoxy)met...	10.152	93	196350	6.126	ng		98
29) 2,4-Dichlorophenol	10.369	162	104723	5.230	ng		97
30) 1,2,4-Trichlorobenzene	10.587	180	132276	5.849	ng		100
31) Naphthalene	10.775	128	440683	5.818	ng		98
32) Benzoic acid	9.957	122	43632	8.859	ng		96
33) 4-Chloroaniline	10.893	127	182531	5.862	ng		100
34) Hexachlorobutadiene	11.051	225	72641	5.890	ng		99
35) Caprolactam	11.663	113	32828	3.998	ng		93
36) 4-Chloro-3-methylphenol	12.010	107	122444	4.994	ng		98
37) 2-Methylnaphthalene	12.387	142	301232	5.702	ng		98
38) 1-Methylnaphthalene	12.604	142	291884	5.535	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	149650	6.234	ng		99
41) Hexachlorocyclopentadiene	12.722	237	50522	6.400	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	82180	5.066	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	92821	5.015	ng	97
46) 1,1'-Biphenyl	13.398	154	403168	6.058	ng	99
47) 2-Chloronaphthalene	13.440	162	309547	5.832	ng	98
48) 2-Nitroaniline	13.651	65	79925	4.630	ng	94
49) Acenaphthylene	14.287	152	487116	6.004	ng	99
50) Dimethylphthalate	14.034	163	385082	5.858	ng	100
51) 2,6-Dinitrotoluene	14.151	165	68981	4.774	ng	94
52) Acenaphthene	14.628	154	294908	5.734	ng	99
53) 3-Nitroaniline	14.481	138	76098	4.536	ng	93
54) 2,4-Dinitrophenol	14.687	184	21322	9.579	ng	93
55) Dibenzofuran	14.963	168	487866	6.095	ng	99
56) 4-Nitrophenol	14.781	139	57047	3.891	ng	97
57) 2,4-Dinitrotoluene	14.934	165	82398	4.096	ng	91
58) Fluorene	15.616	166	386969	5.725	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.187	232	84794	5.315	ng	99
60) Diethylphthalate	15.398	149	380348	5.589	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	189011	5.993	ng	99
62) 4-Nitroaniline	15.639	138	78865	4.300	ng	97
63) Azobenzene	15.910	77	381086	5.606	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	35477	8.865	ng	94
66) n-Nitrosodiphenylamine	15.828	169	328986	5.886	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	68429	3.702	ng	98
68) Hexachlorobenzene	16.610	284	125478	5.694	ng	95
69) Atrazine	16.786	200	102130	6.605	ng	98
70) Pentachlorophenol	16.957	266	56049	3.873	ng	98
71) Phenanthrene	17.357	178	636481	6.091	ng	99
72) Anthracene	17.451	178	594122	5.807	ng	99
73) Carbazole	17.727	167	572294	5.401	ng	100
74) Di-n-butylphthalate	18.304	149	624004	5.370	ng	100
75) Fluoranthene	19.380	202	724585	5.607	ng	98
77) Benzidine	19.574	184	253666	9.962	ng	99
78) Pyrene	19.739	202	790202	5.728	ng	99
80) Butylbenzylphthalate	20.663	149	299736	5.487	ng	98
81) Benzo(a)anthracene	21.504	228	841628	5.977	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	256197	5.690	ng	98
83) Chrysene	21.557	228	789537	5.853	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	451798	5.561	ng	99
85) Di-n-octyl phthalate	22.398	149	781555	5.584	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	954651	5.497	ng	99
88) Benzo(b)fluoranthene	23.192	252	833536	5.709	ng	99
89) Benzo(k)fluoranthene	23.239	252	820978	5.861	ng	98
90) Benzo(a)pyrene	23.815	252	698549	5.413	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	805233	5.622	ng	99
92) Benzo(g,h,i)perylene	27.186	276	772668	5.289	ng	99

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

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