Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
Data File : BM044055.D
Acq On : 12 Feb 2024 14:05
Operator : MA/JU
Sample : 03572-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 12 14:42:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	473028	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1917278	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	1074269	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	2105289	20.000	ng		0.00
76) Chrysene-d12	21.498	240	1713198	20.000	ng		0.00
86) Perylene-d12	23.892	264	1913465	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2718835	83.597	ng		0.00
7) Phenol-d6	7.075	99	3466042	83.760	ng		0.00
23) Nitrobenzene-d5	9.075	82	2254992	62.410	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	972506	83.610	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	4705375	61.817	ng		0.00
79) Terphenyl-d14	19.939	244	5928454	60.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	85044	6.589	ng		99
3) Pyridine	3.787	79	196779	5.775	ng		98
4) n-Nitrosodimethylamine	3.710	42	80020	6.189	ng	#	96
6) Aniline	7.240	93	286300	7.037	ng		98
8) 2-Chlorophenol	7.469	128	202976	5.976	ng		98
9) Benzaldehyde	7.051	77	179734m	8.452	ng		
10) Phenol	7.098	94	255811	6.125	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	209521	6.058	ng		98
12) 1,3-Dichlorobenzene	7.793	146	225828	5.856	ng		97
13) 1,4-Dichlorobenzene	7.940	146	231378	5.953	ng		99
14) 1,2-Dichlorobenzene	8.251	146	218569	5.901	ng		98
15) Benzyl Alcohol	8.151	79	159426	5.917	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	271628	6.196	ng		100
17) 2-Methylphenol	8.351	107	159139	5.805	ng		97
18) Hexachloroethane	8.975	117	82447	5.665	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	150400	5.919	ng		99
20) 3+4-Methylphenols	8.681	107	211761	5.612	ng		100
22) Acetophenone	8.734	105	310483	6.380	ng	#	96
24) Nitrobenzene	9.116	77	230206	6.222	ng		98
25) Isophorone	9.640	82	398856	5.733	ng		100
26) 2-Nitrophenol	9.822	139	86969	5.070	ng		94
27) 2,4-Dimethylphenol	9.887	122	148720	6.780	ng		94
28) bis(2-Chloroethoxy)met...	10.134	93	274866	6.109	ng		97
29) 2,4-Dichlorophenol	10.351	162	160905	5.572	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	191282	5.890	ng		98
31) Naphthalene	10.757	128	642979	6.076	ng		99
32) Benzoic acid	9.957	122	69578m	3.149	ng		
33) 4-Chloroaniline	10.875	127	247291	6.172	ng		98
34) Hexachlorobutadiene	11.034	225	103813	5.585	ng		98
35) Caprolactam	11.645	113	43609	4.693	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	166558	5.326	ng		100
37) 2-Methylnaphthalene	12.369	142	413033	5.860	ng		96
38) 1-Methylnaphthalene	12.586	142	406307	5.866	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	197072	6.311	ng		99
41) Hexachlorocyclopentadiene	12.704	237	98461	7.225	ng		97
43) 2,4,6-Trichlorophenol	12.980	196	111542	5.249	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	125826	5.396	ng		97
46) 1,1'-Biphenyl	13.386	154	543864	6.416	ng		99
47) 2-Chloronaphthalene	13.422	162	410398	6.112	ng		99
48) 2-Nitroaniline	13.633	65	101903	5.394	ng		88
49) Acenaphthylene	14.269	152	654113	6.530	ng		99
50) Dimethylphthalate	14.016	163	483537	6.071	ng		99
51) 2,6-Dinitrotoluene	14.139	165	90281	5.137	ng		91
52) Acenaphthene	14.610	154	378069	6.098	ng		98
53) 3-Nitroaniline	14.463	138	98669	5.224	ng		92
54) 2,4-Dinitrophenol	14.669	184	31083	8.328	ng		92
55) Dibenzofuran	14.945	168	609358	6.350	ng		99
56) 4-Nitrophenol	14.763	139	69776	4.545	ng		92
57) 2,4-Dinitrotoluene	14.922	165	110842	4.826	ng	#	90
58) Fluorene	15.598	166	471184	6.354	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	105193	5.749	ng		99
60) Diethylphthalate	15.380	149	461394	5.605	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	227786	6.340	ng		99
62) 4-Nitroaniline	15.627	138	91736	4.826	ng		99
63) Azobenzene	15.892	77	456602	5.912	ng		98
65) 4,6-Dinitro-2-methylph...	15.680	198	48624	3.876	ng		97
66) n-Nitrosodiphenylamine	15.816	169	391610	6.123	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	109712	5.271	ng		97
68) Hexachlorobenzene	16.592	284	149630	5.868	ng		98
69) Atrazine	16.774	200	117292	6.772	ng		99
70) Pentachlorophenol	16.945	266	69720	4.203	ng		100
71) Phenanthrene	17.339	178	712717	6.411	ng		99
72) Anthracene	17.433	178	682714	6.203	ng		99
73) Carbazole	17.710	167	625395	5.843	ng		100
74) Di-n-butylphthalate	18.286	149	695725	5.001	ng		99
75) Fluoranthene	19.362	202	728419	5.833	ng		99
77) Benzidine	19.562	184	258382	9.705	ng		98
78) Pyrene	19.727	202	765299	5.800	ng		100
80) Butylbenzylphthalate	20.651	149	259876	4.431	ng		98
81) Benzo(a)anthracene	21.486	228	722901	6.066	ng		98
82) 3,3'-Dichlorobenzidine	21.427	252	227160	5.810	ng		99
83) Chrysene	21.539	228	675672	6.001	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	394941	4.564	ng		99
85) Di-n-octyl phthalate	22.374	149	623007	4.122	ng		98
87) Indeno(1,2,3-cd)pyrene	26.374	276	792643	5.853	ng		99
88) Benzo(b)fluoranthene	23.168	252	712505	5.957	ng		99
89) Benzo(k)fluoranthene	23.215	252	638229	5.615	ng		99
90) Benzo(a)pyrene	23.786	252	582317	5.574	ng		99
91) Dibenzo(a,h)anthracene	26.403	278	671104	5.924	ng		99
92) Benzo(g,h,i)perylene	27.132	276	649507	5.653	ng		99

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

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