Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034272.D
Acq On : 17 Mar 2022 12:23
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 17 13:20:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	177010	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	771808	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	528456	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1139767	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1217248	20.000	ng		0.00
86) Perylene-d12	23.912	264	1258571	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1377289	139.586	ng		0.00
7) Phenol-d6	7.107	99	1993275	141.094	ng		0.00
23) Nitrobenzene-d5	9.107	82	1187425	74.904	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	1058713	148.635	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2882745	74.542	ng		0.00
79) Terphenyl-d14	19.942	244	5108051	72.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	31138	6.975	ng		98
3) Pyridine	3.766	79	72366	5.990	ng		97
4) n-Nitrosodimethylamine	3.666	42	38892	6.780	ng	#	91
6) Aniline	7.266	93	124495	7.711	ng		99
8) 2-Chlorophenol	7.507	128	80874	7.008	ng		97
9) Benzaldehyde	7.078	77	77752m	10.215	ng		
10) Phenol	7.131	94	97101	6.911	ng		93
11) bis(2-Chloroethyl)ether	7.366	93	79992	6.936	ng		99
12) 1,3-Dichlorobenzene	7.837	146	91825	7.014	ng		99
13) 1,4-Dichlorobenzene	7.978	146	95261	7.108	ng		97
14) 1,2-Dichlorobenzene	8.301	146	90608	6.935	ng		98
15) Benzyl Alcohol	8.184	79	75584	6.723	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.484	45	115845	7.320	ng		98
17) 2-Methylphenol	8.384	107	66907	6.799	ng		97
18) Hexachloroethane	9.036	117	34512	6.982	ng		97
19) n-Nitroso-di-n-propyla...	8.754	70	72653	7.110	ng		98
20) 3+4-Methylphenols	8.713	107	87748	6.448	ng		100
22) Acetophenone	8.766	105	132938	6.712	ng	#	96
24) Nitrobenzene	9.148	77	106251	7.179	ng		99
25) Isophorone	9.678	82	195994	7.388	ng		97
26) 2-Nitrophenol	9.866	139	38745	5.903	ng		96
27) 2,4-Dimethylphenol	9.925	122	76193	7.414	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	113341	6.674	ng		99
29) 2,4-Dichlorophenol	10.401	162	73920	6.190	ng		95
30) 1,2,4-Trichlorobenzene	10.625	180	91318	6.728	ng		98
31) Naphthalene	10.807	128	274532	6.828	ng		99
32) Benzoic acid	9.995	122	33020m	3.885	ng		
33) 4-Chloroaniline	10.913	127	102234	6.445	ng		96
34) Hexachlorobutadiene	11.101	225	57218	6.655	ng		98
35) Caprolactam	11.672	113	24893	5.997	ng		92
36) 4-Chloro-3-methylphenol	12.036	107	88524	6.469	ng		98
37) 2-Methylnaphthalene	12.419	142	196479	6.848	ng		98
38) 1-Methylnaphthalene	12.636	142	193461	6.893	ng		98
40) 1,2,4,5-Tetrachloroben...	12.789	216	107194	6.722	ng		99
41) Hexachlorocyclopentadiene	12.771	237	66449	7.196	ng		98
43) 2,4,6-Trichlorophenol	13.024	196	65424	5.942	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	71903	6.084	ng	99
46) 1,1'-Biphenyl	13.424	154	274133	6.803	ng	100
47) 2-Chloronaphthalene	13.466	162	205246	6.636	ng	99
48) 2-Nitroaniline	13.660	65	56569	5.983	ng	99
49) Acenaphthylene	14.307	152	341756	7.089	ng	100
50) Dimethylphthalate	14.036	163	271920	6.761	ng	99
51) 2,6-Dinitrotoluene	14.154	165	56067	6.796	ng	100
52) Acenaphthene	14.648	154	214263	6.599	ng	100
53) 3-Nitroaniline	14.483	138	45467	5.493	ng	99
54) 2,4-Dinitrophenol	14.683	184	18326	3.965	ng	96
55) Dibenzofuran	14.983	168	328137	6.781	ng	98
56) 4-Nitrophenol	14.783	139	33892m	5.051	ng	
57) 2,4-Dinitrotoluene	14.936	165	71574	6.418	ng	97
58) Fluorene	15.630	166	268718	6.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	66808	6.269	ng	97
60) Diethylphthalate	15.401	149	282852	6.855	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	136974	6.829	ng	99
62) 4-Nitroaniline	15.636	138	42275	5.310	ng	96
63) Azobenzene	15.912	77	273070	6.863	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	34864	4.704	ng	97
66) n-Nitrosodiphenylamine	15.836	169	232494	6.421	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	83922	6.405	ng	99
68) Hexachlorobenzene	16.636	284	97261	6.655	ng	97
69) Atrazine	16.777	200	85224	7.140	ng	97
70) Pentachlorophenol	16.977	266	53926	5.770	ng	97
71) Phenanthrene	17.365	178	426235	6.678	ng	99
72) Anthracene	17.459	178	418776	6.741	ng	100
73) Carbazole	17.724	167	354750	6.123	ng	99
74) Di-n-butylphthalate	18.289	149	466995	6.483	ng	99
75) Fluoranthene	19.377	202	494482	6.911	ng	99
77) Benzidine	19.559	184	117100	6.565	ng	97
78) Pyrene	19.736	202	532519	6.209	ng	100
80) Butylbenzylphthalate	20.630	149	208334	5.744	ng	97
81) Benzo(a)anthracene	21.477	228	517736	6.739	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	156381	6.094	ng	99
83) Chrysene	21.530	228	523378	6.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	324176	6.053	ng	99
85) Di-n-octyl phthalate	22.336	149	546124	6.424	ng	99
87) Indeno(1,2,3-cd)pyrene	26.424	276	461143	5.696	ng	97
88) Benzo(b)fluoranthene	23.171	252	488463	6.490	ng	99
89) Benzo(k)fluoranthene	23.218	252	565748	7.096	ng	99
90) Benzo(a)pyrene	23.800	252	464335	7.278	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	383504	5.842	ng	98
92) Benzo(g,h,i)perylene	27.194	276	427620	6.293	ng	98

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

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