Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
Data File : BM038490.D
Acq On : 19 Jan 2023 15:11
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 02:47:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	50907	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	174347	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	100943	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	221293	20.000	ng		0.00
76) Chrysene-d12	21.521	240	222895	20.000	ng		0.00
86) Perylene-d12	23.939	264	274270	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	394096	118.088	ng		0.00
7) Phenol-d6	7.134	99	496356	116.106	ng		0.00
23) Nitrobenzene-d5	9.145	82	357336	83.510	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	182382	106.879	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	631480	78.017	ng		0.00
79) Terphenyl-d14	19.962	244	1014155	85.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	6433	4.218	ng		95
3) Pyridine	3.822	79	11768m	2.667	ng		
4) n-Nitrosodimethylamine	3.710	42	9394m	3.599	ng		
6) Aniline	7.298	93	18965	3.512	ng		97
8) 2-Chlorophenol	7.534	128	12124	3.669	ng		98
9) Benzaldehyde	7.116	77	15415	5.392	ng		92
10) Phenol	7.157	94	16733	3.756	ng		80
11) bis(2-Chloroethyl)ether	7.398	93	13584	3.763	ng		97
12) 1,3-Dichlorobenzene	7.857	146	13570	3.834	ng		99
13) 1,4-Dichlorobenzene	8.004	146	14078	3.953	ng		95
14) 1,2-Dichlorobenzene	8.322	146	13655	3.922	ng		89
15) Benzyl Alcohol	8.222	79	11473	3.351	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	21722	4.316	ng		95
17) 2-Methylphenol	8.416	107	9221	3.065	ng		96
18) Hexachloroethane	9.045	117	5747	3.940	ng	#	74
19) n-Nitroso-di-n-propyla...	8.781	70	11045	3.559	ng	#	90
20) 3+4-Methylphenols	8.745	107	12237	3.029	ng		95
22) Acetophenone	8.810	105	19323	3.750	ng	#	94
24) Nitrobenzene	9.187	77	20109m	4.448	ng		
25) Isophorone	9.710	82	26778	3.533	ng		97
26) 2-Nitrophenol	9.904	139	5020	3.163	ng	#	85
27) 2,4-Dimethylphenol	9.951	122	8378	3.100	ng		87
28) bis(2-Chloroethoxy)met...	10.192	93	15459	3.627	ng	#	93
29) 2,4-Dichlorophenol	10.434	162	9026	3.023	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	12914	3.740	ng		91
31) Naphthalene	10.834	128	32463	3.513	ng		99
32) Benzoic acid	10.039	122	4067m	6.714	ng		
33) 4-Chloroaniline	10.957	127	12248	3.020	ng		96
34) Hexachlorobutadiene	11.110	225	8115	3.351	ng		91
35) Caprolactam	11.733	113	2128	2.522	ng	#	63
36) 4-Chloro-3-methylphenol	12.069	107	9928	3.050	ng	#	83
37) 2-Methylnaphthalene	12.439	142	21062	3.117	ng		97
38) 1-Methylnaphthalene	12.657	142	20280	3.197	ng		96
40) 1,2,4,5-Tetrachloroben...	12.804	216	12776	3.382	ng		98
41) Hexachlorocyclopentadiene	12.775	237	6749	3.142	ng		96
43) 2,4,6-Trichlorophenol	13.045	196	7579	3.173	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	8233	2.924	ng	#	93
46) 1,1'-Biphenyl	13.445	154	29125	3.719	ng		99
47) 2-Chloronaphthalene	13.486	162	23299	3.780	ng		99
48) 2-Nitroaniline	13.704	65	6898	4.930	ng		88
49) Acenaphthylene	14.327	152	30423	3.131	ng		97
50) Dimethylphthalate	14.063	163	26619	3.254	ng		96
51) 2,6-Dinitrotoluene	14.186	165	4909	2.950	ng	#	85
52) Acenaphthene	14.669	154	20357	3.447	ng		96
53) 3-Nitroaniline	14.527	138	4019	4.723	ng		87
54) 2,4-Dinitrophenol	14.739	184	2129	6.917	ng	#	88
55) Dibenzofuran	15.004	168	34056	3.387	ng		99
56) 4-Nitrophenol	14.833	139	2528	5.543	ng	#	61
57) 2,4-Dinitrotoluene	14.980	165	6136	2.652	ng	#	94
58) Fluorene	15.651	166	25544	3.041	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.227	232	6605	2.646	ng		93
60) Diethylphthalate	15.416	149	25792	3.073	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	13671	2.965	ng		99
62) 4-Nitroaniline	15.686	138	3883	4.801	ng		85
63) Azobenzene	15.933	77	31467	3.408	ng		99
65) 4,6-Dinitro-2-methylph...	15.733	198	3646	2.428	ng		93
66) n-Nitrosodiphenylamine	15.857	169	21382	3.293	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	7856	3.069	ng		93
68) Hexachlorobenzene	16.645	284	9555	3.333	ng		95
69) Atrazine	16.804	200	7362	3.206	ng		98
70) Pentachlorophenol	16.998	266	5019	2.399	ng		97
71) Phenanthrene	17.386	178	41068	3.354	ng		97
72) Anthracene	17.480	178	38718	3.077	ng		96
73) Carbazole	17.757	167	34410	3.127	ng		99
74) Di-n-butylphthalate	18.304	149	39469	3.020	ng		98
75) Fluoranthene	19.398	202	46412	3.016	ng		98
77) Benzidine	19.592	184	18264	3.740	ng		97
78) Pyrene	19.762	202	49595	3.343	ng		97
80) Butylbenzylphthalate	20.651	149	16888	3.115	ng	#	85
81) Benzo(a)anthracene	21.503	228	53998	3.368	ng		98
82) 3,3'-Dichlorobenzidine	21.439	252	18140	3.514	ng		99
83) Chrysene	21.556	228	52803	3.389	ng		97
84) Bis(2-ethylhexyl)phtha...	21.415	149	23298	2.989	ng	#	89
85) Di-n-octyl phthalate	22.345	149	41973	3.061	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.450	276	66557	3.279	ng		97
88) Benzo(b)fluoranthene	23.197	252	56078	3.297	ng	#	94
89) Benzo(k)fluoranthene	23.244	252	58327	3.317	ng		99
90) Benzo(a)pyrene	23.827	252	50248	3.011	ng	#	96
91) Dibenzo(a,h)anthracene	26.456	278	57208	3.359	ng	#	95
92) Benzo(g,h,i)perylene	27.227	276	60247	3.565	ng	#	96

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

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