Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034297.D
Acq On : 21 Mar 2022 20:42
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 22 04:10:55 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

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	153631	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	612440	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	420892	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	889862	20.000	ng		-0.01
76) Chrysene-d12	21.495	240	953329	20.000	ng		0.00
86) Perylene-d12	23.906	264	983153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	993813	116.048	ng		0.00
7) Phenol-d6	7.101	99	1436164	117.129	ng		0.00
23) Nitrobenzene-d5	9.107	82	1138438	90.502	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	700653	123.505	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2650134	86.041	ng		0.00
79) Terphenyl-d14	19.942	244	4503062	82.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	14555	3.756	ng		99
3) Pyridine	3.772	79	32936	3.141	ng	#	87
4) n-Nitrosodimethylamine	3.672	42	17294	3.474	ng	#	89
6) Aniline	7.260	93	53865	3.844	ng		95
8) 2-Chlorophenol	7.501	128	35047	3.499	ng		91
9) Benzaldehyde	7.072	77	36849m	5.578	ng		
10) Phenol	7.125	94	44317	3.634	ng		90
11) bis(2-Chloroethyl)ether	7.360	93	38399	3.836	ng		95
12) 1,3-Dichlorobenzene	7.831	146	42528	3.743	ng		97
13) 1,4-Dichlorobenzene	7.978	146	43986	3.782	ng		98
14) 1,2-Dichlorobenzene	8.301	146	42216	3.723	ng		96
15) Benzyl Alcohol	8.184	79	31103	3.187	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.478	45	53720	3.911	ng		100
17) 2-Methylphenol	8.384	107	29332	3.434	ng		98
18) Hexachloroethane	9.031	117	16151	3.765	ng		94
19) n-Nitroso-di-n-propyla...	8.748	70	31554	3.558	ng		98
20) 3+4-Methylphenols	8.713	107	36321	3.075	ng		95
22) Acetophenone	8.766	105	57686	3.670	ng	#	94
24) Nitrobenzene	9.148	77	48996	4.172	ng		95
25) Isophorone	9.672	82	80900	3.843	ng		97
26) 2-Nitrophenol	9.866	139	15158	2.910	ng		96
27) 2,4-Dimethylphenol	9.925	122	30992	3.800	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	49174	3.649	ng		98
29) 2,4-Dichlorophenol	10.401	162	29785	3.143	ng		98
30) 1,2,4-Trichlorobenzene	10.619	180	39578	3.675	ng		96
31) Naphthalene	10.807	128	120071	3.763	ng		98
32) Benzoic acid	9.984	122	7529m	1.116	ng		
33) 4-Chloroaniline	10.913	127	38694	3.074	ng		95
34) Hexachlorobutadiene	11.101	225	25558	3.746	ng		98
35) Caprolactam	11.666	113	9723m	2.952	ng		
36) 4-Chloro-3-methylphenol	12.030	107	33517	3.087	ng		96
37) 2-Methylnaphthalene	12.419	142	83921	3.686	ng		99
38) 1-Methylnaphthalene	12.636	142	82965	3.725	ng		93
40) 1,2,4,5-Tetrachloroben...	12.783	216	46600	3.669	ng		99
41) Hexachlorocyclopentadiene	12.772	237	27553	3.746	ng		95
43) 2,4,6-Trichlorophenol	13.019	196	25954	2.960	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.089	196	26873	2.855	ng		95
46)	1,1'-Biphenyl	13.419	154	119811	3.733	ng		98
47)	2-Chloronaphthalene	13.460	162	87746	3.562	ng		98
48)	2-Nitroaniline	13.660	65	20325	2.699	ng		96
49)	Acenaphthylene	14.301	152	142372	3.708	ng		99
50)	Dimethylphthalate	14.036	163	116477	3.636	ng		98
51)	2,6-Dinitrotoluene	14.148	165	22389	3.407	ng		92
52)	Acenaphthene	14.642	154	90937	3.516	ng		99
53)	3-Nitroaniline	14.483	138	16837m	2.554	ng		
54)	2,4-Dinitrophenol	14.683	184	6048	1.643	ng		91
55)	Dibenzofuran	14.977	168	141536	3.672	ng		98
56)	4-Nitrophenol	14.783	139	9080m	1.699	ng		
57)	2,4-Dinitrotoluene	14.936	165	26736	3.010	ng	#	93
58)	Fluorene	15.624	166	114102	3.647	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.207	232	26121	3.077	ng		96
60)	Diethylphthalate	15.395	149	119848	3.647	ng		99
61)	4-Chlorophenyl-phenyle...	15.618	204	57836	3.621	ng		98
62)	4-Nitroaniline	15.642	138	13740m	2.167	ng		
63)	Azobenzene	15.913	77	109667	3.460	ng		99
65)	4,6-Dinitro-2-methylph...	15.695	198	12262	2.119	ng		91
66)	n-Nitrosodiphenylamine	15.830	169	96577	3.416	ng		98
67)	4-Bromophenyl-phenylether	16.513	248	35915	3.511	ng		98
68)	Hexachlorobenzene	16.630	284	42856	3.756	ng		97
69)	Atrazine	16.777	200	33790	3.626	ng		97
70)	Pentachlorophenol	16.971	266	19439	2.664	ng		96
71)	Phenanthrene	17.365	178	188472	3.782	ng		97
72)	Anthracene	17.454	178	178646	3.683	ng		98
73)	Carbazole	17.724	167	135408	2.993	ng		99
74)	Di-n-butylphthalate	18.289	149	187742	3.338	ng		99
75)	Fluoranthene	19.377	202	210449	3.767	ng		99
77)	Benzidine	19.571	184	54594m	3.908	ng		
78)	Pyrene	19.736	202	226777	3.376	ng		98
80)	Butylbenzylphthalate	20.630	149	79047	2.783	ng		98
81)	Benzo(a)anthracene	21.477	228	220621	3.667	ng		98
82)	3,3'-Dichlorobenzidine	21.412	252	64740	3.221	ng		100
83)	Chrysene	21.530	228	221068	3.598	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.406	149	124062	2.958	ng		100
85)	Di-n-octyl phthalate	22.336	149	211083	3.170	ng	#	100
87)	Indeno(1,2,3-cd)pyrene	26.418	276	192184	3.039	ng		95
88)	Benzo(b)fluoranthene	23.171	252	207259	3.525	ng		97
89)	Benzo(k)fluoranthene	23.218	252	221532	3.557	ng		100
90)	Benzo(a)pyrene	23.794	252	192471	3.862	ng		99
91)	Dibenzo(a,h)anthracene	26.430	278	153739	2.998	ng		97
92)	Benzo(g,h,i)perylene	27.188	276	176892	3.333	ng		99

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

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