Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131327.D
Acq On : 22 Nov 2022 13:04
Operator : CG\JU
Sample : N4955-09
Misc : MDL-MDL-WATER-4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 23 03:43:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 03:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	109625	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	404787	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	246619	20.000	ng		-0.01
64) Phenanthrene-d10	11.516	188	473838	20.000	ng		0.00
76) Chrysene-d12	14.168	240	334246	20.000	ng		#-0.01
86) Perylene-d12	15.710	264	244364	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	543141	94.296	ng		0.00
7) Phenol-d6	6.581	99	684054	93.080	ng		0.00
23) Nitrobenzene-d5	7.534	82	535237	66.654	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	221353	106.685	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	1061982	62.647	ng		0.00
79) Terphenyl-d14	13.116	244	1288466	63.037	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	9940	3.620	ng		98
3) Pyridine	3.581	79	25185m	3.303	ng		
4) n-Nitrosodimethylamine	3.481	42	15096	3.357	ng		94
6) Aniline	6.622	93	37290	3.872	ng		96
8) 2-Chlorophenol	6.745	128	25781	3.951	ng		95
9) Benzaldehyde	6.516	77	23511	4.553	ng		94
10) Phenol	6.587	94	29225	3.587	ng	#	77
11) bis(2-Chloroethyl)ether	6.692	93	24952	3.655	ng		97
12) 1,3-Dichlorobenzene	6.904	146	28932	3.720	ng		98
13) 1,4-Dichlorobenzene	6.981	146	29442	3.726	ng		97
14) 1,2-Dichlorobenzene	7.134	146	27526	3.783	ng		98
15) Benzyl Alcohol	7.122	79	20781	3.449	ng	#	63
16) 2,2'-oxybis(1-Chloropr...	7.234	45	47596	3.646	ng		96
17) 2-Methylphenol	7.198	107	20240	3.639	ng		95
18) Hexachloroethane	7.481	117	10511	3.718	ng		100
19) n-Nitroso-di-n-propyla...	7.369	70	20266	3.767	ng	#	97
20) 3+4-Methylphenols	7.351	107	25170m	3.544	ng		
22) Acetophenone	7.369	105	40738	3.954	ng		97
24) Nitrobenzene	7.545	77	30528	3.649	ng		98
25) Isophorone	7.781	82	53981	3.768	ng		95
26) 2-Nitrophenol	7.863	139	8133	3.633	ng		98
27) 2,4-Dimethylphenol	7.892	122	21351	3.844	ng		98
28) bis(2-Chloroethoxy)met...	7.992	93	31310	3.848	ng		99
29) 2,4-Dichlorophenol	8.098	162	21015	3.488	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	25990	3.483	ng		98
31) Naphthalene	8.275	128	77353	3.586	ng		99
32) Benzoic acid	7.928	122	6776m	2.146	ng		
33) 4-Chloroaniline	8.316	127	31166	3.662	ng		96
34) Hexachlorobutadiene	8.392	225	17627	3.648	ng		97
35) Caprolactam	8.645	113	5915	3.736	ng	#	82
36) 4-Chloro-3-methylphenol	8.792	107	20968	3.350	ng		96
37) 2-Methylnaphthalene	8.969	142	54611	3.737	ng		100
38) 1-Methylnaphthalene	9.069	142	51737	3.650	ng		95
40) 1,2,4,5-Tetrachloroben...	9.133	216	29020	3.626	ng		99
41) Hexachlorocyclopentadiene	9.122	237	13319	3.702	ng		93
43) 2,4,6-Trichlorophenol	9.239	196	13453	2.963	ng		93

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	16151	3.164	ng		97
46) 1,1'-Biphenyl	9.433	154	72586	3.857	ng		98
47) 2-Chloronaphthalene	9.457	162	54327	3.598	ng		95
48) 2-Nitroaniline	9.551	65	14550	3.174	ng		94
49) Acenaphthylene	9.875	152	83213	3.616	ng		99
50) Dimethylphthalate	9.728	163	63460	3.693	ng		100
51) 2,6-Dinitrotoluene	9.792	165	11204	3.260	ng		92
52) Acenaphthene	10.051	154	51739	3.590	ng		97
53) 3-Nitroaniline	9.963	138	11892	3.368	ng		95
55) Dibenzofuran	10.222	168	77680	3.747	ng		96
56) 4-Nitrophenol	10.104	139	7230	2.950	ng		88
57) 2,4-Dinitrotoluene	10.192	165	12768	2.953	ng		95
58) Fluorene	10.569	166	63788	3.942	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.333	232	13299	3.128	ng		95
60) Diethylphthalate	10.433	149	63236	3.898	ng		99
61) 4-Chlorophenyl-phenyle...	10.563	204	32901	3.966	ng		96
62) 4-Nitroaniline	10.569	138	11668	3.320	ng		96
63) Azobenzene	10.722	77	63912	3.664	ng		95
66) n-Nitrosodiphenylamine	10.675	169	54745	3.626	ng		96
67) 4-Bromophenyl-phenylether	11.051	248	19806	3.410	ng		94
68) Hexachlorobenzene	11.116	284	22901	3.715	ng	#	89
69) Atrazine	11.198	200	18653	4.012	ng		96
70) Pentachlorophenol	11.304	266	7504	2.373	ng		98
71) Phenanthrene	11.533	178	93498	3.651	ng		99
72) Anthracene	11.586	178	93608	3.720	ng		98
73) Carbazole	11.739	167	79929	3.723	ng		100
74) Di-n-butylphthalate	12.074	149	94835	3.749	ng		98
75) Fluoranthene	12.733	202	99104	3.673	ng		97
77) Benzidine	12.857	184	37852	6.131	ng	#	93
78) Pyrene	12.963	202	100962	3.424	ng		98
80) Butylbenzylphthalate	13.586	149	25810	3.037	ng		99
81) Benzo(a)anthracene	14.157	228	79519	3.471	ng		99
82) 3,3'-Dichlorobenzidine	14.121	252	20973	3.450	ng		97
83) Chrysene	14.192	228	74391	3.310	ng		98
84) Bis(2-ethylhexyl)phtha...	14.145	149	35860	3.127	ng		98
85) Di-n-octyl phthalate	14.774	149	39710	2.296	ng		97
87) Indeno(1,2,3-cd)pyrene	17.274	276	44018	2.682	ng		96
88) Benzo(b)fluoranthene	15.245	252	54096m	3.332	ng		
89) Benzo(k)fluoranthene	15.280	252	56497	3.387	ng		98
90) Benzo(a)pyrene	15.639	252	44261	3.323	ng	#	97
91) Dibenzo(a,h)anthracene	17.304	278	38782	2.862	ng		98
92) Benzo(g,h,i)perylene	17.751	276	39166	2.896	ng		97

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

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