Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131326.D
Acq On : 22 Nov 2022 12:31
Operator : CG\JU
Sample : N4955-09
Misc : MDL-MDL-WATER-8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 23 03:42:44 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	107243	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	392565	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	237227	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	445226	20.000	ng		0.00
76) Chrysene-d12	14.168	240	302803	20.000	ng		#-0.01
86) Perylene-d12	15.709	264	213081	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	599593	106.408	ng		0.00
7) Phenol-d6	6.581	99	753862	104.857	ng		0.00
23) Nitrobenzene-d5	7.533	82	569266	73.098	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	243329	121.920	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	1137889	69.782	ng		0.00
79) Terphenyl-d14	13.115	244	1340294	72.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	23412	8.715	ng		98
3) Pyridine	3.563	79	56266	7.543	ng		94
4) n-Nitrosodimethylamine	3.481	42	34336	7.806	ng		95
6) Aniline	6.628	93	86118m	9.140	ng		
8) 2-Chlorophenol	6.745	128	56184	8.801	ng		99
9) Benzaldehyde	6.516	77	52004	10.295	ng		95
10) Phenol	6.592	94	65097	8.167	ng		96
11) bis(2-Chloroethyl)ether	6.698	93	56575	8.471	ng		97
12) 1,3-Dichlorobenzene	6.904	146	65418	8.598	ng		98
13) 1,4-Dichlorobenzene	6.981	146	65441	8.465	ng		98
14) 1,2-Dichlorobenzene	7.139	146	62279	8.749	ng		92
15) Benzyl Alcohol	7.104	79	48509	8.229	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.233	45	109753	8.593	ng		99
17) 2-Methylphenol	7.198	107	45517	8.366	ng		97
18) Hexachloroethane	7.481	117	23453	8.480	ng		95
19) n-Nitroso-di-n-propyla...	7.369	70	43662	8.296	ng		97
20) 3+4-Methylphenols	7.357	107	59874	8.619	ng		92
22) Acetophenone	7.369	105	88860	8.893	ng	#	98
24) Nitrobenzene	7.545	77	67714	8.345	ng		97
25) Isophorone	7.780	82	123180	8.866	ng		99
26) 2-Nitrophenol	7.863	139	19575	9.018	ng		99
27) 2,4-Dimethylphenol	7.892	122	51421	9.547	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	73016	9.253	ng		99
29) 2,4-Dichlorophenol	8.098	162	49037	8.393	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	59564	8.230	ng		97
31) Naphthalene	8.275	128	173444	8.291	ng		100
32) Benzoic acid	7.945	122	12820m	4.187	ng		
33) 4-Chloroaniline	8.322	127	71216	8.629	ng		95
34) Hexachlorobutadiene	8.392	225	38558	8.227	ng		97
35) Caprolactam	8.651	113	15083	9.824	ng	#	86
36) 4-Chloro-3-methylphenol	8.792	107	50889	8.384	ng		92
37) 2-Methylnaphthalene	8.969	142	123225	8.694	ng		99
38) 1-Methylnaphthalene	9.069	142	114554	8.334	ng		98
40) 1,2,4,5-Tetrachloroben...	9.133	216	63781	8.285	ng		99
41) Hexachlorocyclopentadiene	9.122	237	30580	8.836	ng		99
43) 2,4,6-Trichlorophenol	9.239	196	32177	7.368	ng		95

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Quant Time: Nov 23 03:42:44 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.274	196	39770	8.098	ng		95
46) 1,1'-Biphenyl	9.433	154	156585	8.650	ng		99
47) 2-Chloronaphthalene	9.463	162	119338	8.218	ng		98
48) 2-Nitroaniline	9.551	65	33873	7.682	ng		97
49) Acenaphthylene	9.874	152	186488	8.424	ng		99
50) Dimethylphthalate	9.727	163	143944	8.709	ng		98
51) 2,6-Dinitrotoluene	9.792	165	26748	8.092	ng		89
52) Acenaphthene	10.051	154	114247	8.242	ng		98
53) 3-Nitroaniline	9.963	138	27262	8.026	ng		97
54) 2,4-Dinitrophenol	10.063	184	5563	5.009	ng	#	65
55) Dibenzofuran	10.222	168	172845	8.667	ng		99
56) 4-Nitrophenol	10.104	139	18941	8.035	ng		98
57) 2,4-Dinitrotoluene	10.192	165	33676	8.097	ng		95
58) Fluorene	10.569	166	136196	8.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	33139	8.103	ng		97
60) Diethylphthalate	10.433	149	139918	8.965	ng		99
61) 4-Chlorophenyl-phenyle...	10.563	204	72593	9.098	ng		94
62) 4-Nitroaniline	10.574	138	27654	8.181	ng		99
63) Azobenzene	10.721	77	144760	8.626	ng		95
65) 4,6-Dinitro-2-methylph...	10.598	198	9406	5.368	ng		96
66) n-Nitrosodiphenylamine	10.674	169	117587	8.288	ng		99
67) 4-Bromophenyl-phenylether	11.051	248	44866	8.222	ng		91
68) Hexachlorobenzene	11.116	284	48520	8.378	ng	#	92
69) Atrazine	11.198	200	42771	9.792	ng		96
70) Pentachlorophenol	11.310	266	21228	7.144	ng		96
71) Phenanthrene	11.539	178	203632	8.463	ng		98
72) Anthracene	11.586	178	206166	8.719	ng		99
73) Carbazole	11.745	167	177105	8.780	ng		98
74) Di-n-butylphthalate	12.074	149	214533	9.026	ng		99
75) Fluoranthene	12.733	202	216601	8.543	ng		98
77) Benzidine	12.857	184	91678	16.391	ng		100
78) Pyrene	12.963	202	219615	8.220	ng		99
80) Butylbenzylphthalate	13.586	149	64697	8.405	ng		96
81) Benzo(a)anthracene	14.157	228	169474	8.165	ng		98
82) 3,3'-Dichlorobenzidine	14.121	252	52342	9.503	ng		97
83) Chrysene	14.198	228	162386	7.974	ng		98
84) Bis(2-ethylhexyl)phtha...	14.145	149	90435	8.704	ng		98
85) Di-n-octyl phthalate	14.774	149	102738	6.558	ng		99
87) Indeno(1,2,3-cd)pyrene	17.274	276	95735	6.689	ng		97
88) Benzo(b)fluoranthene	15.245	252	118372m	8.362	ng		
89) Benzo(k)fluoranthene	15.280	252	122231	8.403	ng		96
90) Benzo(a)pyrene	15.639	252	94517	8.138	ng	#	98
91) Dibenzo(a,h)anthracene	17.303	278	82247	6.961	ng		98
92) Benzo(g,h,i)perylene	17.750	276	82712	7.014	ng		97

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

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