Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124961.D
Acq On : 6 Aug 2021 13:36
Operator : JU/CG
Sample : M2262-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/9/2021 12:16:09 PM

Quant Time: Aug 06 14:06:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	6003	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	23346	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	12955	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	23182	20.000	ng		0.00
76) Chrysene-d12	13.986	240	18319	20.000	ng		0.00
86) Perylene-d12	15.445	264	16167	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	38747	105.734	ng		0.00
7) Phenol-d6	6.457	99	47969	103.811	ng		0.00
23) Nitrobenzene-d5	7.392	82	28050	62.853	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	11842	102.316	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	59755	67.492	ng		0.00
79) Terphenyl-d14	12.933	244	67809	62.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	1212	8.840	ng	#	100
3) Pyridine	3.357	79	1731m	5.434	ng		
4) n-Nitrosodimethylamine	3.251	42	1652	7.302	ng		97
6) Aniline	6.492	93	4538	9.297	ng		97
8) 2-Chlorophenol	6.610	128	3321	8.262	ng		84
9) Benzaldehyde	6.381	77	3028	12.045	ng		90
10) Phenol	6.469	94	3975	8.337	ng		97
11) bis(2-Chloroethyl)ether	6.563	93	2917	8.156	ng		95
12) 1,3-Dichlorobenzene	6.769	146	4175	9.542	ng		98
13) 1,4-Dichlorobenzene	6.845	146	3772	8.624	ng		95
14) 1,2-Dichlorobenzene	6.998	146	3593	8.766	ng		92
15) Benzyl Alcohol	6.969	79	2432	7.296	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	7.104	45	5111	8.919	ng		99
17) 2-Methylphenol	7.075	107	2610	8.674	ng		94
18) Hexachloroethane	7.339	117	1418	8.281	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	2269	8.276	ng	#	82
20) 3+4-Methylphenols	7.228	107	3277	8.204	ng		93
22) Acetophenone	7.234	105	4638	8.112	ng		91
24) Nitrobenzene	7.410	77	3360	7.781	ng		94
25) Isophorone	7.645	82	5817	7.637	ng		94
26) 2-Nitrophenol	7.728	139	1714	7.816	ng		92
27) 2,4-Dimethylphenol	7.757	122	2967	9.545	ng		92
28) bis(2-Chloroethoxy)met...	7.857	93	3995	9.216	ng	#	98
29) 2,4-Dichlorophenol	7.969	162	2670	7.709	ng		89
30) 1,2,4-Trichlorobenzene	8.051	180	3107	8.005	ng		97
31) Naphthalene	8.133	128	9825	8.191	ng		99
32) Benzoic acid	7.869	122	570	10.055	ng	#	82
33) 4-Chloroaniline	8.181	127	4048	9.056	ng		98
34) Hexachlorobutadiene	8.251	225	2063	8.901	ng	#	85
35) Caprolactam	8.516	113	664	7.220	ng	#	81
36) 4-Chloro-3-methylphenol	8.657	107	2875	7.936	ng		88
37) 2-Methylnaphthalene	8.822	142	6858	8.504	ng		95
38) 1-Methylnaphthalene	8.922	142	6159	8.162	ng		95
40) 1,2,4,5-Tetrachloroben...	8.986	216	3478	9.353	ng	#	84
41) Hexachlorocyclopentadiene	8.975	237	657	9.720	ng		74
43) 2,4,6-Trichlorophenol	9.098	196	1786	7.215	ng	#	81

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	1678	6.696	ng	#	81
46) 1,1'-Biphenyl	9.286	154	8368	8.668	ng		96
47) 2-Chloronaphthalene	9.310	162	6593	8.584	ng		96
48) 2-Nitroaniline	9.404	65	1717	7.610	ng		91
49) Acenaphthylene	9.727	152	9607	8.235	ng		97
50) Dimethylphthalate	9.580	163	7436	8.470	ng		99
51) 2,6-Dinitrotoluene	9.645	165	1413	7.228	ng	#	84
52) Acenaphthene	9.898	154	5705	8.066	ng		96
53) 3-Nitroaniline	9.816	138	1623	7.882	ng	#	64
54) 2,4-Dinitrophenol	9.927	184	257	7.843	ng		86
55) Dibenzofuran	10.069	168	8841	7.998	ng		96
56) 4-Nitrophenol	9.975	139	889	6.550	ng		93
57) 2,4-Dinitrotoluene	10.051	165	2143	8.074	ng		90
58) Fluorene	10.410	166	7237	8.539	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	1389	7.388	ng	#	87
60) Diethylphthalate	10.280	149	7761	8.614	ng		96
61) 4-Chlorophenyl-phenyle...	10.404	204	3384	8.455	ng		97
62) 4-Nitroaniline	10.422	138	1614	8.074	ng		89
63) Azobenzene	10.563	77	7395	8.394	ng		92
65) 4,6-Dinitro-2-methylph...	10.457	198	735	5.061	ng		85
66) n-Nitrosodiphenylamine	10.522	169	5962	7.935	ng		96
67) 4-Bromophenyl-phenylether	10.892	248	1843	7.258	ng	#	82
68) Hexachlorobenzene	10.957	284	2157	7.808	ng	#	90
69) Atrazine	11.045	200	2051	9.084	ng		93
70) Pentachlorophenol	11.151	266	477	7.080	ng		97
71) Phenanthrene	11.374	178	10924	8.687	ng		99
72) Anthracene	11.422	178	10669	8.457	ng		99
73) Carbazole	11.580	167	9075	7.844	ng		99
74) Di-n-butylphthalate	11.910	149	12045	8.192	ng		98
75) Fluoranthene	12.563	202	11094	8.528	ng		98
77) Benzidine	12.680	184	5718	11.666	ng		99
78) Pyrene	12.792	202	11079	7.678	ng		99
80) Butylbenzylphthalate	13.404	149	4776	7.438	ng		90
81) Benzo(a)anthracene	13.974	228	9458	7.923	ng		95
82) 3,3'-Dichlorobenzidine	13.939	252	3975	12.630	ng	#	90
83) Chrysene	14.010	228	9310	8.067	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	7275	8.167	ng	#	98
85) Di-n-octyl phthalate	14.574	149	11213	7.979	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	7175	7.453	ng		94
88) Benzo(b)fluoranthene	15.015	252	9061	7.982	ng		97
89) Benzo(k)fluoranthene	15.045	252	8358	8.094	ng		98
90) Benzo(a)pyrene	15.380	252	7768	8.036	ng	#	96
91) Dibenzo(a,h)anthracene	16.904	278	6107	7.215	ng	#	91
92) Benzo(g,h,i)perylene	17.327	276	6025	7.420	ng		93

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

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