Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127304.D
Acq On : 11 Mar 2022 17:19
Operator : CG\JU
Sample : N1645-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 03:24:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 12 03:23:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	115144	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	407725	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	241848	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	424258	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	312447	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	233297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	863647	120.576	ng		0.00
7) Phenol-d6	6.510	99	1206345	122.430	ng		0.00
23) Nitrobenzene-d5	7.439	82	696447	70.543	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	332657	127.774	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1183495	69.185	ng		0.00
79) Terphenyl-d14	12.992	244	1276939	70.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	23994	6.461	ng	#	82
3) Pyridine	3.516	79	58714	5.941	ng	#	79
4) n-Nitrosodimethylamine	3.393	42	35085	6.407	ng	#	62
6) Aniline	6.540	93	94735	8.045	ng		94
8) 2-Chlorophenol	6.657	128	52529	7.089	ng		90
9) Benzaldehyde	6.428	77	53518	9.318	ng		97
10) Phenol	6.522	94	74544	6.887	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	60138	7.482	ng		95
12) 1,3-Dichlorobenzene	6.810	146	61675	7.415	ng		100
13) 1,4-Dichlorobenzene	6.887	146	62968	7.546	ng		99
14) 1,2-Dichlorobenzene	7.040	146	57733	7.351	ng		95
15) Benzyl Alcohol	7.010	79	50516	6.840	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.140	45	110116	7.300	ng		99
17) 2-Methylphenol	7.116	107	45440	7.214	ng	#	93
18) Hexachloroethane	7.375	117	22648	7.066	ng	#	77
19) n-Nitroso-di-n-propyla...	7.275	70	47331	7.698	ng	#	87
20) 3+4-Methylphenols	7.275	107	58757	7.192	ng	#	60
22) Acetophenone	7.275	105	82408	7.382	ng	#	89
24) Nitrobenzene	7.451	77	70166	7.514	ng		93
25) Isophorone	7.687	82	123174	7.759	ng		98
26) 2-Nitrophenol	7.769	139	28103	7.267	ng	#	85
27) 2,4-Dimethylphenol	7.798	122	48153	8.295	ng		91
28) bis(2-Chloroethoxy)met...	7.892	93	73861	7.343	ng		99
29) 2,4-Dichlorophenol	8.010	162	47828	7.194	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	56139	7.407	ng		94
31) Naphthalene	8.175	128	165708	7.619	ng		99
32) Benzoic acid	7.892	122	15572m	4.323	ng		
33) 4-Chloroaniline	8.222	127	65575	7.778	ng	#	92
34) Hexachlorobutadiene	8.281	225	35670	7.058	ng		97
35) Caprolactam	8.569	113	13961	7.030	ng	#	68
36) 4-Chloro-3-methylphenol	8.704	107	52724	7.317	ng		97
37) 2-Methylnaphthalene	8.863	142	110254	7.758	ng		97
38) 1-Methylnaphthalene	8.963	142	105273	7.705	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	57226	7.475	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	13764	5.116	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	31726	6.566	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	34709m	6.768	ng		
46) 1,1'-Biphenyl	9.328	154	139864	7.662	ng		98
47) 2-Chloronaphthalene	9.357	162	103876	7.311	ng		96
48) 2-Nitroaniline	9.451	65	37764	6.908	ng		88
49) Acenaphthylene	9.769	152	173100	7.961	ng		98
50) Dimethylphthalate	9.622	163	122007	7.040	ng		98
51) 2,6-Dinitrotoluene	9.692	165	26629	7.596	ng		95
52) Acenaphthene	9.939	154	95843	7.394	ng		95
53) 3-Nitroaniline	9.863	138	26297	6.884	ng	#	96
54) 2,4-Dinitrophenol	9.981	184	7265	4.206	ng		94
55) Dibenzofuran	10.116	168	146045	7.253	ng		97
56) 4-Nitrophenol	10.033	139	13981	6.021	ng	#	73
57) 2,4-Dinitrotoluene	10.098	165	33779	7.324	ng	#	91
58) Fluorene	10.457	166	115279	7.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	27969	6.563	ng	#	74
60) Diethylphthalate	10.328	149	109319	6.916	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.445	204	61498	7.268	ng		90
62) 4-Nitroaniline	10.475	138	25162	6.610	ng	#	77
63) Azobenzene	10.610	77	126974	6.988	ng		90
65) 4,6-Dinitro-2-methylph...	10.510	198	14028	5.363	ng		89
66) n-Nitrosodiphenylamine	10.569	169	96579	7.330	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	36800	7.196	ng		93
68) Hexachlorobenzene	11.004	284	39210	7.035	ng	#	88
69) Atrazine	11.092	200	36851	8.105	ng		95
70) Pentachlorophenol	11.204	266	11070m	4.919	ng		
71) Phenanthrene	11.422	178	161983	7.233	ng		99
72) Anthracene	11.475	178	167128	7.535	ng		99
73) Carbazole	11.633	167	145813	6.981	ng		98
74) Di-n-butylphthalate	11.951	149	171113	7.004	ng		99
75) Fluoranthene	12.616	202	168466	6.728	ng		91
77) Benzidine	12.739	184	74856	9.421	ng		99
78) Pyrene	12.845	202	171820	7.060	ng		99
80) Butylbenzylphthalate	13.457	149	60845	6.496	ng	#	92
81) Benzo(a)anthracene	14.039	228	151825	7.217	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	49068	7.501	ng	#	93
83) Chrysene	14.074	228	136619	6.982	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	87879	6.970	ng	#	98
85) Di-n-octyl phthalate	14.627	149	130609	6.844	ng		96
87) Indeno(1,2,3-cd)pyrene	17.033	276	86745	6.172	ng	#	85
88) Benzo(b)fluoranthene	15.092	252	111023	7.250	ng	#	91
89) Benzo(k)fluoranthene	15.121	252	115822	8.044	ng	#	93
90) Benzo(a)pyrene	15.468	252	100195	8.309	ng	#	93
91) Dibenzo(a,h)anthracene	17.045	278	76584	6.547	ng	#	89
92) Benzo(g,h,i)perylene	17.492	276	73287	6.423	ng	#	85

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

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