

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127303.D
 Acq On : 11 Mar 2022 16:50
 Operator : CG\JU
 Sample : N1645-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 11 17:28:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108480	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	386360	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214276	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	387224	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	299157	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	223982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	887805	131.564	ng	0.00
7) Phenol-d6	6.510	99	1250310	134.687	ng	0.00
23) Nitrobenzene-d5	7.440	82	710627	75.959	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	333820	144.720	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1210819	79.890	ng	0.00
79) Terphenyl-d14	12.992	244	1372158	78.981	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	11506	3.288	ng	# 75
3) Pyridine	3.569	79	29208m	3.137	ng	
4) n-Nitrosodimethylamine	3.405	42	16415	3.182	ng	# 57
6) Aniline	6.540	93	47556	4.287	ng	94
8) 2-Chlorophenol	6.657	128	27106	3.883	ng	92
9) Benzaldehyde	6.428	77	27033	4.996	ng	90
10) Phenol	6.522	94	37979	3.724	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	30339	4.006	ng	91
12) 1,3-Dichlorobenzene	6.810	146	31158	3.976	ng	99
13) 1,4-Dichlorobenzene	6.887	146	32101	4.083	ng	99
14) 1,2-Dichlorobenzene	7.040	146	28593	3.865	ng	95
15) Benzyl Alcohol	7.022	79	26760	3.846	ng	# 62
16) 2,2'-oxybis(1-Chloropr...	7.140	45	55237	3.887	ng	96
17) 2-Methylphenol	7.116	107	22826	3.846	ng	# 88
18) Hexachloroethane	7.375	117	12056	3.992	ng	# 86
19) n-Nitroso-di-n-propyla...	7.269	70	23773	4.104	ng	# 84
20) 3+4-Methylphenols	7.275	107	30352	3.944	ng	# 43
22) Acetophenone	7.275	105	43642	4.126	ng	# 90
24) Nitrobenzene	7.451	77	37377	4.224	ng	90
25) Isophorone	7.681	82	60879	4.047	ng	97
26) 2-Nitrophenol	7.769	139	13504	3.685	ng	# 77
27) 2,4-Dimethylphenol	7.804	122	23543	4.280	ng	93
28) bis(2-Chloroethoxy)met...	7.893	93	37462	3.930	ng	97
29) 2,4-Dichlorophenol	8.016	162	23821	3.781	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	27746	3.863	ng	98
31) Naphthalene	8.169	128	82021	3.980	ng	98
32) Benzoic acid	7.898	122	9058m	2.654	ng	
33) 4-Chloroaniline	8.222	127	32191	4.030	ng	96
34) Hexachlorobutadiene	8.281	225	17781	3.713	ng	94
35) Caprolactam	8.557	113	6630	3.523	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	25762	3.773	ng	99
37) 2-Methylnaphthalene	8.863	142	53834	3.998	ng	97
38) 1-Methylnaphthalene	8.963	142	52254	4.036	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	29024	4.279	ng	# 94
41) Hexachlorocyclopentadiene	9.010	237	4900	2.056	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	16078	3.755	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16885m	3.716	ng	
46) 1,1'-Biphenyl	9.328	154	71782	4.439	ng	97
47) 2-Chloronaphthalene	9.351	162	50995	4.051	ng	98
48) 2-Nitroaniline	9.451	65	17743	3.663	ng	89
49) Acenaphthylene	9.769	152	81557	4.233	ng	97
50) Dimethylphthalate	9.622	163	57606	3.752	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	12241	3.941	ng	93
52) Acenaphthene	9.939	154	45545	3.966	ng	95
53) 3-Nitroaniline	9.863	138	12385	3.659	ng	100
54) 2,4-Dinitrophenol	9.986	184	2474	1.617	ng	# 71
55) Dibenzofuran	10.110	168	71170	3.989	ng	98
56) 4-Nitrophenol	10.039	139	5446	2.647	ng	89
57) 2,4-Dinitrotoluene	10.098	165	15546	3.804	ng	# 97
58) Fluorene	10.457	166	56081	4.054	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.234	232	11392	3.017	ng	# 87
60) Diethylphthalate	10.322	149	54607	3.899	ng	97
61) 4-Chlorophenyl-phenyle...	10.445	204	30446	4.061	ng	87
62) 4-Nitroaniline	10.475	138	11850	3.513	ng	83
63) Azobenzene	10.610	77	62256	3.867	ng	90
65) 4,6-Dinitro-2-methylph...	10.510	198	5581	2.338	ng	90
66) n-Nitrosodiphenylamine	10.569	169	47564	3.955	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	18264	3.913	ng	97
68) Hexachlorobenzene	11.004	284	19207	3.776	ng	# 89
69) Atrazine	11.086	200	16498	3.976	ng	96
70) Pentachlorophenol	11.210	266	4132	2.012	ng	92
71) Phenanthrene	11.422	178	81976	4.010	ng	100
72) Anthracene	11.475	178	81469	4.024	ng	98
73) Carbazole	11.633	167	71068	3.728	ng	97
74) Di-n-butylphthalate	11.951	149	84142	3.774	ng	100
75) Fluoranthene	12.616	202	89774	3.928	ng	91
77) Benzidine	12.739	184	35048	4.607	ng	97
78) Pyrene	12.845	202	91148	3.912	ng	100
80) Butylbenzylphthalate	13.457	149	30939	3.450	ng	# 93
81) Benzo(a)anthracene	14.033	228	76742	3.810	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	22921	3.660	ng	# 95
83) Chrysene	14.069	228	70003	3.736	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	44570	3.692	ng	# 99
85) Di-n-octyl phthalate	14.621	149	61904	3.388	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.033	276	43491	3.223	ng	# 85
88) Benzo(b)fluoranthene	15.092	252	54748	3.724	ng	# 92
89) Benzo(k)fluoranthene	15.121	252	59234	4.285	ng	# 92
90) Benzo(a)pyrene	15.468	252	49349	4.263	ng	# 89
91) Dibenzo(a,h)anthracene	17.045	278	38520	3.430	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	36296	3.313	ng	# 86

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

Manual Integrations

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