Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126798.D
Acq On : 03 Feb 2022 14:54
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-10ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 03 15:14:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	154222	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	586137	20.000	ng		0.00
39) Acenaphthene-d10	9.986	164	328651	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	555747	20.000	ng		0.00
76) Chrysene-d12	14.127	240	413886	20.000	ng	#	0.00
86) Perylene-d12	15.639	264	275485	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	1335520	118.609	ng		0.00
7) Phenol-d6	6.575	99	1929039	123.852	ng		0.00
23) Nitrobenzene-d5	7.516	82	1211059	77.327	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	419084	122.868	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1518820	76.522	ng		0.00
79) Terphenyl-d14	13.068	244	1605033	64.872	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	55328	9.710	ng	#	87
3) Pyridine	3.587	79	133164	8.618	ng	#	80
4) n-Nitrosodimethylamine	3.499	42	48871	10.240	ng	#	64
6) Aniline	6.616	93	239859	12.069	ng		96
8) 2-Chlorophenol	6.734	128	109604	10.645	ng		96
9) Benzaldehyde	6.504	77	122926	12.545	ng		87
10) Phenol	6.581	94	175722	10.540	ng		94
11) bis(2-Chloroethyl)ether	6.681	93	148458	11.053	ng		92
12) 1,3-Dichlorobenzene	6.887	146	123907	10.688	ng		95
13) 1,4-Dichlorobenzene	6.963	146	127842	10.910	ng		95
14) 1,2-Dichlorobenzene	7.122	146	118439	10.402	ng		98
15) Benzyl Alcohol	7.081	79	138122	11.099	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.216	45	162142	11.206	ng		84
17) 2-Methylphenol	7.187	107	103863	10.258	ng		96
18) Hexachloroethane	7.463	117	49711	10.830	ng	#	88
19) n-Nitroso-di-n-propyla...	7.351	70	111611	10.882	ng	#	85
20) 3+4-Methylphenols	7.339	107	140530	11.020	ng	#	76
22) Acetophenone	7.351	105	182672	10.770	ng	#	87
24) Nitrobenzene	7.528	77	172170	11.074	ng	#	88
25) Isophorone	7.763	82	291876	10.859	ng		96
26) 2-Nitrophenol	7.845	139	54959	10.607	ng	#	86
27) 2,4-Dimethylphenol	7.869	122	109456	12.095	ng		91
28) bis(2-Chloroethoxy)met...	7.969	93	183414	10.759	ng	#	97
29) 2,4-Dichlorophenol	8.081	162	93689	10.516	ng		100
30) 1,2,4-Trichlorobenzene	8.169	180	102369	10.685	ng		97
31) Naphthalene	8.251	128	343793	11.222	ng		100
32) Benzoic acid	7.934	122	43733	6.262	ng	#	70
33) 4-Chloroaniline	8.298	127	141974	11.469	ng	#	95
34) Hexachlorobutadiene	8.363	225	61809	10.293	ng		98
35) Caprolactam	8.633	113	32121	9.909	ng	#	81
36) 4-Chloro-3-methylphenol	8.763	107	118833	10.465	ng		86
37) 2-Methylnaphthalene	8.939	142	221428	11.729	ng		97
38) 1-Methylnaphthalene	9.039	142	205276	11.297	ng		99
40) 1,2,4,5-Tetrachloroben...	9.104	216	97893	10.345	ng		96
41) Hexachlorocyclopentadiene	9.092	237	62098	11.385	ng		98
43) 2,4,6-Trichlorophenol	9.216	196	65762	9.865	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	69734m	10.020	ng		
46) 1,1'-Biphenyl	9.404	154	259905	10.798	ng		96
47) 2-Chloronaphthalene	9.433	162	210076	11.010	ng		99
48) 2-Nitroaniline	9.522	65	80839	10.391	ng		91
49) Acenaphthylene	9.851	152	329302	11.178	ng		98
50) Dimethylphthalate	9.698	163	236248	10.399	ng		99
51) 2,6-Dinitrotoluene	9.763	165	50799	10.886	ng		87
52) Acenaphthene	10.022	154	202275	10.769	ng		96
53) 3-Nitroaniline	9.933	138	56377	10.602	ng		83
54) 2,4-Dinitrophenol	10.039	184	16553	6.734	ng	#	85
55) Dibenzofuran	10.192	168	292442	10.548	ng		98
56) 4-Nitrophenol	10.075	139	40364	10.023	ng	#	75
57) 2,4-Dinitrotoluene	10.169	165	67950	10.744	ng	#	88
58) Fluorene	10.539	166	233503	11.383	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	59141	9.818	ng	#	82
60) Diethylphthalate	10.404	149	230511	10.327	ng		98
61) 4-Chlorophenyl-phenyle...	10.527	204	111122	10.710	ng	#	87
62) 4-Nitroaniline	10.545	138	51227	10.152	ng		81
63) Azobenzene	10.692	77	337600	10.901	ng		92
65) 4,6-Dinitro-2-methylph...	10.575	198	27207	8.070	ng		92
66) n-Nitrosodiphenylamine	10.645	169	199854	11.183	ng		99
67) 4-Bromophenyl-phenylether	11.022	248	68237	10.727	ng	#	90
68) Hexachlorobenzene	11.080	284	75812	10.892	ng		94
69) Atrazine	11.169	200	63185	10.896	ng		91
70) Pentachlorophenol	11.274	266	37294	9.184	ng		97
71) Phenanthrene	11.504	178	347195	11.280	ng		98
72) Anthracene	11.557	178	362806	11.769	ng		98
73) Carbazole	11.710	167	302128	10.388	ng		98
74) Di-n-butylphthalate	12.033	149	368069	10.916	ng		99
75) Fluoranthene	12.692	202	345376	11.032	ng		100
77) Benzidine	12.816	184	167024	17.591	ng		97
78) Pyrene	12.927	202	352110	10.645	ng		99
80) Butylbenzylphthalate	13.539	149	131211	9.560	ng	#	92
81) Benzo(a)anthracene	14.115	228	278390	10.080	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	83301	10.532	ng	#	98
83) Chrysene	14.151	228	277677	10.619	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	177919	9.964	ng		98
85) Di-n-octyl phthalate	14.715	149	227359	8.930	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.180	276	164039	9.763	ng	#	91
88) Benzo(b)fluoranthene	15.186	252	204331	11.343	ng	#	95
89) Benzo(k)fluoranthene	15.215	252	188996	10.518	ng	#	95
90) Benzo(a)pyrene	15.568	252	171610	11.951	ng	#	95
91) Dibenzo(a,h)anthracene	17.198	278	141546	10.285	ng	#	94
92) Benzo(g,h,i)perylene	17.651	276	139158	10.237	ng	#	88

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

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