Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124957.D
Acq On : 6 Aug 2021 10:50
Operator : JU/CG
Sample : M2262-08
Misc : LOQ-WATER-5ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/9/2021 12:16:02 PM

Quant Time: Aug 06 11:27:41 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	7880	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	27153	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	14994	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	27779	20.000	ng		0.00
76) Chrysene-d12	13.986	240	20853	20.000	ng		0.00
86) Perylene-d12	15.445	264	17830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	46194	96.029	ng		0.00
7) Phenol-d6	6.457	99	59295	97.756	ng		0.00
23) Nitrobenzene-d5	7.392	82	33266	64.090	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	13978	104.348	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	68277	66.630	ng		0.00
79) Terphenyl-d14	12.933	244	77354	62.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	1088	6.046	ng	#	100
3) Pyridine	3.393	79	1676	4.008	ng	#	82
4) n-Nitrosodimethylamine	3.281	42	631	2.125	ng		89
6) Aniline	6.492	93	3196	4.988	ng		98
8) 2-Chlorophenol	6.610	128	2390	4.529	ng		95
9) Benzaldehyde	6.381	77	1703	5.161	ng		95
10) Phenol	6.469	94	2460	3.931	ng		90
11) bis(2-Chloroethyl)ether	6.563	93	2251	4.794	ng		97
12) 1,3-Dichlorobenzene	6.769	146	2473m	4.306	ng		
13) 1,4-Dichlorobenzene	6.845	146	2600	4.529	ng		96
14) 1,2-Dichlorobenzene	6.998	146	2591	4.816	ng		96
15) Benzyl Alcohol	6.969	79	2186	4.996	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	3405	4.527	ng		90
17) 2-Methylphenol	7.075	107	1565	3.962	ng	#	84
18) Hexachloroethane	7.339	117	1014	4.511	ng		99
19) n-Nitroso-di-n-propyla...	7.234	70	1314	3.651	ng	#	82
20) 3+4-Methylphenols	7.228	107	2152	4.104	ng	#	76
22) Acetophenone	7.234	105	3489	5.247	ng	#	90
24) Nitrobenzene	7.410	77	2393	4.765	ng		92
25) Isophorone	7.645	82	4064	4.587	ng		92
26) 2-Nitrophenol	7.728	139	1189	4.662	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	2052	5.676	ng		96
28) bis(2-Chloroethoxy)met...	7.857	93	2543	5.044	ng	#	93
29) 2,4-Dichlorophenol	7.963	162	1782	4.424	ng		93
30) 1,2,4-Trichlorobenzene	8.051	180	2047	4.535	ng		96
31) Naphthalene	8.133	128	6757	4.843	ng		96
32) Benzoic acid	7.757	122	2052	15.532	ng	#	15
33) 4-Chloroaniline	8.181	127	2631	5.061	ng		96
34) Hexachlorobutadiene	8.245	225	1164	4.318	ng		90
35) Caprolactam	8.510	113	432	4.039	ng	#	73
36) 4-Chloro-3-methylphenol	8.657	107	1999	4.744	ng		97
37) 2-Methylnaphthalene	8.822	142	4379	4.669	ng		89
38) 1-Methylnaphthalene	8.922	142	4348	4.954	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	1917	4.454	ng		96
41) Hexachlorocyclopentadiene	8.975	237	189	6.466	ng		80
43) 2,4,6-Trichlorophenol	9.098	196	1210	4.223	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	1198	4.131	ng		93
46) 1,1'-Biphenyl	9.286	154	5880	5.262	ng		95
47) 2-Chloronaphthalene	9.310	162	4449	5.005	ng		94
48) 2-Nitroaniline	9.404	65	1187	4.546	ng	#	90
49) Acenaphthylene	9.727	152	6965	5.158	ng		95
50) Dimethylphthalate	9.580	163	5046	4.966	ng	#	96
51) 2,6-Dinitrotoluene	9.645	165	1044	4.614	ng		89
52) Acenaphthene	9.898	154	4031	4.924	ng		93
53) 3-Nitroaniline	9.816	138	1026	4.305	ng	#	77
55) Dibenzofuran	10.069	168	6097	4.766	ng		96
56) 4-Nitrophenol	9.969	139	419	2.667	ng	#	58
57) 2,4-Dinitrotoluene	10.051	165	1420	4.623	ng	#	82
58) Fluorene	10.410	166	4828	4.922	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.186	232	819	3.764	ng	#	59
60) Diethylphthalate	10.280	149	5449	5.226	ng		95
61) 4-Chlorophenyl-phenyle...	10.404	204	2252	4.861	ng		90
62) 4-Nitroaniline	10.422	138	976	4.218	ng		87
63) Azobenzene	10.563	77	4528	4.441	ng		92
65) 4,6-Dinitro-2-methylph...	10.457	198	390	2.241	ng	#	80
66) n-Nitrosodiphenylamine	10.522	169	3879	4.308	ng		90
67) 4-Bromophenyl-phenylether	10.892	248	1456	4.785	ng		94
68) Hexachlorobenzene	10.957	284	1603	4.843	ng		95
69) Atrazine	11.039	200	1275	4.713	ng		93
70) Pentachlorophenol	11.157	266	148	4.495	ng	#	17
71) Phenanthrene	11.374	178	7101	4.712	ng	#	97
72) Anthracene	11.421	178	7350m	4.862	ng		
73) Carbazole	11.580	167	6428	4.637	ng	#	93
74) Di-n-butylphthalate	11.910	149	8239	4.676	ng		96
75) Fluoranthene	12.557	202	7373	4.730	ng		97
77) Benzidine	12.680	184	3455	6.192	ng		96
78) Pyrene	12.786	202	7876	4.795	ng		98
80) Butylbenzylphthalate	13.404	149	3208	4.389	ng		94
81) Benzo(a)anthracene	13.974	228	6254	4.602	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	2309	6.445	ng		86
83) Chrysene	14.010	228	6269	4.772	ng		96
84) Bis(2-ethylhexyl)phtha...	13.962	149	4668	4.604	ng	#	98
85) Di-n-octyl phthalate	14.574	149	7042	4.402	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	4424	4.167	ng	#	85
88) Benzo(b)fluoranthene	15.015	252	5481	4.378	ng		94
89) Benzo(k)fluoranthene	15.045	252	5448	4.784	ng	#	94
90) Benzo(a)pyrene	15.380	252	5195	4.873	ng		96
91) Dibenzo(a,h)anthracene	16.903	278	3750	4.017	ng	#	92
92) Benzo(g,h,i)perylene	17.333	276	3619	4.041	ng		95

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

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