Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124948.D
Acq On : 5 Aug 2021 17:31
Operator : JU/CG
Sample : M2262-08
Misc : LOQ-WATER-10ppm
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/6/2021 2:46:49 PM

Quant Time: Aug 05 18:21:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 17:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	7153	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	27170	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	14711	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	27005	20.000	ng		0.00
76) Chrysene-d12	13.998	240	19730	20.000	ng		0.00
86) Perylene-d12	15.457	264	15571	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	41552	95.159	ng		0.00
7) Phenol-d6	6.469	99	53531	97.223	ng		0.00
23) Nitrobenzene-d5	7.398	82	32371	62.327	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	12439	94.645	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	65570	65.220	ng		0.00
79) Terphenyl-d14	12.945	244	68865	58.876	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	1286	7.872	ng	#	100
3) Pyridine	3.399	79	2927	7.711	ng	#	82
4) n-Nitrosodimethylamine	3.293	42	2694	9.994	ng		90
6) Aniline	6.498	93	7123	12.247	ng	#	92
8) 2-Chlorophenol	6.622	128	5029	10.499	ng		97
9) Benzaldehyde	6.387	77	3067	10.238	ng		95
10) Phenol	6.475	94	6214	10.938	ng		87
11) bis(2-Chloroethyl)ether	6.569	93	5059	11.870	ng		97
12) 1,3-Dichlorobenzene	6.775	146	5354	10.270	ng		96
13) 1,4-Dichlorobenzene	6.851	146	5571m	10.690	ng		
14) 1,2-Dichlorobenzene	7.004	146	5544	11.351	ng		92
15) Benzyl Alcohol	6.975	79	4315	10.865	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	7712	11.294	ng		93
17) 2-Methylphenol	7.081	107	3827	10.674	ng		97
18) Hexachloroethane	7.345	117	2224	10.900	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	3502	10.719	ng	#	87
20) 3+4-Methylphenols	7.239	107	4997	10.499	ng	#	78
22) Acetophenone	7.239	105	5874	8.828	ng	#	86
24) Nitrobenzene	7.416	77	5163	10.273	ng		96
25) Isophorone	7.651	82	8728	9.846	ng	#	92
26) 2-Nitrophenol	7.734	139	2714	10.635	ng	#	92
27) 2,4-Dimethylphenol	7.769	122	4103	11.341	ng		88
28) bis(2-Chloroethoxy)met...	7.863	93	5732	11.361	ng	#	97
29) 2,4-Dichlorophenol	7.975	162	4067	10.090	ng		95
30) 1,2,4-Trichlorobenzene	8.057	180	4642	10.277	ng		95
31) Naphthalene	8.139	128	15308	10.966	ng		98
32) Benzoic acid	7.863	122	468	9.285	ng		99
33) 4-Chloroaniline	8.187	127	5820	11.188	ng	#	94
34) Hexachlorobutadiene	8.257	225	2719	10.080	ng		95
35) Caprolactam	8.528	113	706	6.596	ng	#	82
36) 4-Chloro-3-methylphenol	8.663	107	4187	9.931	ng		86
37) 2-Methylnaphthalene	8.834	142	10208	10.876	ng		94
38) 1-Methylnaphthalene	8.928	142	9294	10.583	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	3832	9.075	ng		91
41) Hexachlorocyclopentadiene	8.981	237	1181	12.244	ng		87
43) 2,4,6-Trichlorophenol	9.110	196	2577	9.168	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	2745	9.647	ng		95
46) 1,1'-Biphenyl	9.292	154	10299	9.395	ng		94
47) 2-Chloronaphthalene	9.322	162	9470	10.858	ng		95
48) 2-Nitroaniline	9.416	65	2767	10.800	ng		99
49) Acenaphthylene	9.733	152	15108	11.404	ng		100
50) Dimethylphthalate	9.592	163	11444	11.480	ng		99
51) 2,6-Dinitrotoluene	9.657	165	2301	10.366	ng		96
52) Acenaphthene	9.904	154	8794	10.949	ng		94
53) 3-Nitroaniline	9.822	138	2508	10.727	ng		94
54) 2,4-Dinitrophenol	9.933	184	933	13.152	ng	#	88
55) Dibenzofuran	10.081	168	13324	10.615	ng		99
56) 4-Nitrophenol	9.980	139	2088	13.548	ng		94
57) 2,4-Dinitrotoluene	10.057	165	3021	10.024	ng		93
58) Fluorene	10.422	166	10580	10.993	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	2017	9.448	ng	#	93
60) Diethylphthalate	10.292	149	11136	10.885	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	5161	11.355	ng		97
62) 4-Nitroaniline	10.433	138	2261	9.960	ng		93
63) Azobenzene	10.569	77	10291	10.287	ng		92
65) 4,6-Dinitro-2-methylph...	10.469	198	1070	6.325	ng		84
66) n-Nitrosodiphenylamine	10.528	169	9043	10.332	ng		95
67) 4-Bromophenyl-phenylether	10.904	248	2812	9.507	ng		94
68) Hexachlorobenzene	10.969	284	3374	10.485	ng	#	87
69) Atrazine	11.051	200	2263	8.604	ng		95
70) Pentachlorophenol	11.163	266	737	8.219	ng	#	77
71) Phenanthrene	11.380	178	15300	10.444	ng		98
72) Anthracene	11.433	178	15270	10.391	ng		98
73) Carbazole	11.586	167	13680	10.151	ng		98
74) Di-n-butylphthalate	11.916	149	17650	10.305	ng		99
75) Fluoranthene	12.569	202	15094	9.960	ng		99
77) Benzidine	12.692	184	6952	13.169	ng		96
78) Pyrene	12.798	202	15485	9.964	ng		98
80) Butylbenzylphthalate	13.416	149	6804	9.838	ng		94
81) Benzo(a)anthracene	13.986	228	13040	10.142	ng		97
82) 3,3'-Dichlorobenzidine	13.951	252	4005	11.815	ng		99
83) Chrysene	14.021	228	12989	10.450	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	9859	10.276	ng		95
85) Di-n-octyl phthalate	14.586	149	15424	10.190	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	9006	9.713	ng		94
88) Benzo(b)fluoranthene	15.033	252	11051	10.108	ng		97
89) Benzo(k)fluoranthene	15.063	252	10676	10.734	ng		97
90) Benzo(a)pyrene	15.398	252	10237	10.996	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	8056	9.881	ng	#	92
92) Benzo(g,h,i)perylene	17.357	276	7544	9.646	ng	#	91

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

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