Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124949.D
Acq On : 5 Aug 2021 18:04
Operator : JU/CG
Sample : M2262-08
Misc : LOQ-WATER-5ppm
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/6/2021 2:46:52 PM

Quant Time: Aug 06 02:36:08 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	7309	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	27304	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	15486	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	27029	20.000	ng		0.00
76) Chrysene-d12	13.998	240	19745	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	16685	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	47745	107.007	ng		0.00
7) Phenol-d6	6.469	99	60347	107.263	ng		0.00
23) Nitrobenzene-d5	7.398	82	34839	66.749	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	14080	101.770	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	69994	66.136	ng		0.00
79) Terphenyl-d14	12.945	244	76401	65.270	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	1187	7.111	ng	#	100
3) Pyridine	3.404	79	2186	5.636	ng	#	64
4) n-Nitrosodimethylamine	3.299	42	805	2.923	ng	#	72
6) Aniline	6.498	93	3312	5.573	ng		93
8) 2-Chlorophenol	6.622	128	2640	5.394	ng		97
9) Benzaldehyde	6.387	77	1862	6.083	ng	#	85
10) Phenol	6.475	94	2683	4.622	ng	#	76
11) bis(2-Chloroethyl)ether	6.569	93	2426	5.571	ng		99
12) 1,3-Dichlorobenzene	6.775	146	2568	4.821	ng		93
13) 1,4-Dichlorobenzene	6.851	146	2698	5.066	ng		97
14) 1,2-Dichlorobenzene	7.004	146	2633	5.276	ng		96
15) Benzyl Alcohol	6.975	79	2172	5.352	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	3555	5.095	ng		86
17) 2-Methylphenol	7.081	107	1733	4.730	ng		91
18) Hexachloroethane	7.345	117	1044	5.007	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	1618	4.847	ng	#	76
20) 3+4-Methylphenols	7.239	107	2538	5.219	ng	#	57
22) Acetophenone	7.239	105	3392	5.073	ng	#	93
24) Nitrobenzene	7.416	77	2310	4.574	ng	#	87
25) Isophorone	7.651	82	4218	4.735	ng		97
26) 2-Nitrophenol	7.734	139	1163	4.535	ng	#	92
27) 2,4-Dimethylphenol	7.763	122	1941	5.339	ng		95
28) bis(2-Chloroethoxy)met...	7.863	93	2540	5.010	ng	#	94
29) 2,4-Dichlorophenol	7.975	162	1755	4.333	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	2085	4.593	ng		95
31) Naphthalene	8.139	128	7354	5.242	ng		98
32) Benzoic acid	7.763	122	1941	15.052	ng	#	14
33) 4-Chloroaniline	8.186	127	2571	4.918	ng	#	90
34) Hexachlorobutadiene	8.257	225	1212	4.471	ng		91
35) Caprolactam	8.516	113	528	4.909	ng	#	83
36) 4-Chloro-3-methylphenol	8.663	107	1890	4.461	ng		96
37) 2-Methylnaphthalene	8.828	142	4804	5.093	ng		95
38) 1-Methylnaphthalene	8.928	142	4572	5.180	ng		88
40) 1,2,4,5-Tetrachloroben...	8.992	216	2292	5.156	ng	#	95
41) Hexachlorocyclopentadiene	8.980	237	399	7.590	ng	#	72
43) 2,4,6-Trichlorophenol	9.110	196	1269m	4.289	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	1315	4.390	ng	#	87
46) 1,1'-Biphenyl	9.292	154	5883	5.098	ng		98
47) 2-Chloronaphthalene	9.316	162	4941	5.382	ng		95
48) 2-Nitroaniline	9.410	65	1338	4.961	ng	#	85
49) Acenaphthylene	9.733	152	7007	5.024	ng		100
50) Dimethylphthalate	9.586	163	5120	4.879	ng	#	95
51) 2,6-Dinitrotoluene	9.651	165	1019	4.361	ng	#	81
52) Acenaphthene	9.904	154	4131	4.886	ng		98
53) 3-Nitroaniline	9.822	138	1144	4.648	ng	#	96
55) Dibenzofuran	10.075	168	6691	5.064	ng		94
56) 4-Nitrophenol	9.980	139	429	2.644	ng		98
57) 2,4-Dinitrotoluene	10.057	165	1463	4.611	ng	#	91
58) Fluorene	10.422	166	5077	5.011	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.198	232	901	4.009	ng	#	63
60) Diethylphthalate	10.286	149	5393	5.008	ng	#	95
61) 4-Chlorophenyl-phenyle...	10.410	204	2564	5.359	ng		96
62) 4-Nitroaniline	10.427	138	986	4.126	ng		98
63) Azobenzene	10.575	77	4797	4.555	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	393	2.321	ng	#	22
66) n-Nitrosodiphenylamine	10.527	169	4076	4.653	ng		94
67) 4-Bromophenyl-phenylether	10.904	248	1485	5.016	ng		98
68) Hexachlorobenzene	10.969	284	1557	4.834	ng		94
69) Atrazine	11.051	200	1341	5.094	ng		92
71) Phenanthrene	11.380	178	6976m	4.758	ng		
72) Anthracene	11.433	178	6933m	4.713	ng		
73) Carbazole	11.586	167	6104	4.525	ng		99
74) Di-n-butylphthalate	11.916	149	8619	5.028	ng		100
75) Fluoranthene	12.568	202	7310	4.819	ng		92
77) Benzidine	12.692	184	3840	7.268	ng	#	95
78) Pyrene	12.798	202	7562	4.862	ng	#	91
80) Butylbenzylphthalate	13.416	149	3135	4.530	ng		87
81) Benzo(a)anthracene	13.986	228	6097	4.738	ng		97
82) 3,3'-Dichlorobenzidine	13.951	252	2378	7.010	ng	#	86
83) Chrysene	14.021	228	6304	5.068	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	4651	4.844	ng	#	98
85) Di-n-octyl phthalate	14.580	149	6990	4.615	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	4133	4.160	ng	#	88
88) Benzo(b)fluoranthene	15.027	252	5768	4.923	ng		95
89) Benzo(k)fluoranthene	15.057	252	4847m	4.548	ng		
90) Benzo(a)pyrene	15.392	252	4919	4.931	ng		98
91) Dibenzo(a,h)anthracene	16.927	278	3714	4.251	ng		94
92) Benzo(g,h,i)perylene	17.351	276	3496	4.172	ng		92

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

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