Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124951.D
Acq On : 5 Aug 2021 19:10
Operator : JU/CG
Sample : M2262-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/6/2021 2:46:55 PM

Quant Time: Aug 06 02:36:46 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	6.839	152	8312	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	30683	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	16712	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	29586	20.000	ng	0.00
76) Chrysene-d12	13.998	240	21356	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	16750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	52285	103.042	ng	0.00
7) Phenol-d6	6.469	99	63406	99.101	ng	0.00
23) Nitrobenzene-d5	7.404	82	39098	66.660	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	15319	102.602	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	77164	67.562	ng	0.00
79) Terphenyl-d14	12.945	244	83037	65.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	1354	7.133	ng	# 100
3) Pyridine	3.404	79	2699m	6.119	ng	
4) n-Nitrosodimethylamine	3.287	42	2159	6.892	ng	# 78
6) Aniline	6.498	93	6174	9.135	ng	99
8) 2-Chlorophenol	6.622	128	4666	8.383	ng	93
9) Benzaldehyde	6.386	77	3547	10.190	ng	92
10) Phenol	6.481	94	5575	8.445	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	4056	8.190	ng	99
12) 1,3-Dichlorobenzene	6.775	146	4816m	7.950	ng	
13) 1,4-Dichlorobenzene	6.851	146	4917	8.119	ng	95
14) 1,2-Dichlorobenzene	7.004	146	4934	8.694	ng	94
15) Benzyl Alcohol	6.975	79	3163	6.854	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.110	45	6533	8.234	ng	95
17) 2-Methylphenol	7.081	107	3494	8.386	ng	94
18) Hexachloroethane	7.345	117	1977	8.338	ng	90
19) n-Nitroso-di-n-propyla...	7.245	70	3037	8.000	ng	# 82
20) 3+4-Methylphenols	7.239	107	4316	7.804	ng	# 64
22) Acetophenone	7.245	105	6714	8.935	ng	99
24) Nitrobenzene	7.416	77	4600	8.105	ng	89
25) Isophorone	7.651	82	7769	7.761	ng	# 91
26) 2-Nitrophenol	7.733	139	2248	7.800	ng	# 83
27) 2,4-Dimethylphenol	7.769	122	3647	8.927	ng	# 85
28) bis(2-Chloroethoxy)met...	7.863	93	5316	9.330	ng	# 96
29) 2,4-Dichlorophenol	7.975	162	3557	7.815	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	4178	8.191	ng	97
31) Naphthalene	8.139	128	13259	8.411	ng	96
32) Benzoic acid	7.869	122	246	8.299	ng	# 89
33) 4-Chloroaniline	8.186	127	5066	8.623	ng	# 90
34) Hexachlorobutadiene	8.257	225	2634	8.647	ng	95
35) Caprolactam	8.527	113	1008	8.339	ng	# 84
36) 4-Chloro-3-methylphenol	8.663	107	3908	8.208	ng	90
37) 2-Methylnaphthalene	8.833	142	8912	8.408	ng	96
38) 1-Methylnaphthalene	8.927	142	8003	8.069	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	3995	8.328	ng	# 96
41) Hexachlorocyclopentadiene	8.980	237	1023	10.616	ng	81
43) 2,4,6-Trichlorophenol	9.110	196	2342	7.334	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	2513	7.774	ng		98
46) 1,1'-Biphenyl	9.292	154	11215	9.005	ng		96
47) 2-Chloronaphthalene	9.322	162	8161	8.237	ng		96
48) 2-Nitroaniline	9.416	65	2519	8.655	ng		96
49) Acenaphthylene	9.733	152	12881	8.559	ng	#	96
50) Dimethylphthalate	9.586	163	9998	8.828	ng		99
51) 2,6-Dinitrotoluene	9.651	165	2195	8.704	ng		91
52) Acenaphthene	9.904	154	7543	8.267	ng		97
53) 3-Nitroaniline	9.822	138	2057	7.744	ng	#	65
54) 2,4-Dinitrophenol	9.933	184	325	7.795	ng	#	86
55) Dibenzofuran	10.074	168	11848	8.309	ng		99
56) 4-Nitrophenol	9.980	139	1098	6.271	ng	#	73
57) 2,4-Dinitrotoluene	10.057	165	2851	8.327	ng	#	86
58) Fluorene	10.421	166	9115	8.337	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.192	232	1833	7.558	ng	#	80
60) Diethylphthalate	10.292	149	9888	8.508	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	4567	8.845	ng		97
62) 4-Nitroaniline	10.433	138	2142	8.306	ng		84
63) Azobenzene	10.574	77	8886	7.819	ng		92
65) 4,6-Dinitro-2-methylph...	10.463	198	1114	6.010	ng		93
66) n-Nitrosodiphenylamine	10.527	169	7729	8.060	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	2815	8.687	ng		96
68) Hexachlorobenzene	10.969	284	2917	8.274	ng	#	87
69) Atrazine	11.051	200	2639	9.159	ng		97
70) Pentachlorophenol	11.163	266	583	6.933	ng		93
71) Phenanthrene	11.380	178	12852	8.008	ng		94
72) Anthracene	11.433	178	13561	8.423	ng		96
73) Carbazole	11.586	167	11717	7.936	ng		97
74) Di-n-butylphthalate	11.916	149	15794	8.417	ng	#	98
75) Fluoranthene	12.568	202	12880	7.758	ng		99
77) Benzidine	12.692	184	7470	13.073	ng		99
78) Pyrene	12.798	202	13347	7.935	ng		97
80) Butylbenzylphthalate	13.415	149	6060	8.095	ng		99
81) Benzo(a)anthracene	13.986	228	11359	8.162	ng		98
82) 3,3'-Dichlorobenzidine	13.951	252	4240	11.556	ng	#	96
83) Chrysene	14.021	228	11436	8.500	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	8790	8.464	ng		99
85) Di-n-octyl phthalate	14.580	149	13318	8.129	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.915	276	7789	7.809	ng		92
88) Benzo(b)fluoranthene	15.027	252	9717	8.262	ng		94
89) Benzo(k)fluoranthene	15.056	252	8798	8.223	ng		95
90) Benzo(a)pyrene	15.398	252	8758	8.745	ng	#	93
91) Dibenzo(a,h)anthracene	16.927	278	6723	7.666	ng		96
92) Benzo(g,h,i)perylene	17.356	276	6451	7.668	ng	#	88

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

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