Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
Data File : BF124564.D
Acq On : 14 Jul 2021 14:52
Operator : JU/CG
Sample : M2940-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/16/2021 10:55:03 AM

Quant Time: Jul 14 15:14:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 13:25:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	6641	20.000	ng	# 0.00
21) Naphthalene-d8	8.210	136	25976	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	14056	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	24892	20.000	ng	0.00
76) Chrysene-d12	14.092	240	16790	20.000	ng	0.00
86) Perylene-d12	15.586	264	12495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	49080	128.045	ng	0.00
7) Phenol-d6	6.551	99	59475	127.550	ng	0.00
23) Nitrobenzene-d5	7.487	82	34813	84.603	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	14204	129.857	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	82118	85.193	ng	0.00
79) Terphenyl-d14	13.045	244	85121	85.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	936	7.466	ng	# 100
3) Pyridine	3.581	79	2078	6.462	ng	# 89
4) n-Nitrosodimethylamine	3.481	42	2059	7.878	ng	# 81
6) Aniline	6.592	93	4431	9.019	ng	97
8) 2-Chlorophenol	6.710	128	3345	7.784	ng	95
9) Benzaldehyde	6.475	77	2655m	9.705	ng	
10) Phenol	6.557	94	3478	7.640	ng	89
11) bis(2-Chloroethyl)ether	6.657	93	2876	8.149	ng	90
12) 1,3-Dichlorobenzene	6.869	146	3897m	8.286	ng	
13) 1,4-Dichlorobenzene	6.945	146	3991	8.308	ng	94
14) 1,2-Dichlorobenzene	7.098	146	3663	8.023	ng	96
15) Benzyl Alcohol	7.057	79	3059m	9.481	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	5027	8.264	ng	94
17) 2-Methylphenol	7.157	107	2509	7.977	ng	95
18) Hexachloroethane	7.439	117	1469	8.120	ng	# 82
19) n-Nitroso-di-n-propyla...	7.328	70	1975	7.534	ng	# 86
20) 3+4-Methylphenols	7.310	107	3041	7.343	ng	# 82
22) Acetophenone	7.328	105	4872	8.264	ng	# 92
24) Nitrobenzene	7.504	77	2934	7.191	ng	# 87
25) Isophorone	7.739	82	5641	7.468	ng	95
26) 2-Nitrophenol	7.816	139	1834	8.333	ng	# 88
27) 2,4-Dimethylphenol	7.845	122	3104	8.511	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	3507	7.959	ng	95
29) 2,4-Dichlorophenol	8.051	162	2795	7.430	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	3270	7.855	ng	96
31) Naphthalene	8.228	128	10428	7.762	ng	98
32) Benzoic acid	7.904	122	1232	4.847	ng	# 84
33) 4-Chloroaniline	8.269	127	4421	8.708	ng	97
34) Hexachlorobutadiene	8.345	225	1903	8.098	ng	95
35) Caprolactam	8.610	113	577	6.064	ng	# 83
36) 4-Chloro-3-methylphenol	8.739	107	2782	7.478	ng	96
37) 2-Methylnaphthalene	8.916	142	7324	8.078	ng	97
38) 1-Methylnaphthalene	9.016	142	6718	7.890	ng	92
40) 1,2,4,5-Tetrachloroben...	9.081	216	3150	8.402	ng	# 96
41) Hexachlorocyclopentadiene	9.075	237	2435	10.398	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	2125m	7.852	ng	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	2093	7.498	ng		91
46) 1,1'-Biphenyl	9.381	154	9054	8.481	ng		96
47) 2-Chloronaphthalene	9.410	162	6796	8.120	ng		98
48) 2-Nitroaniline	9.498	65	1509	7.497	ng	#	83
49) Acenaphthylene	9.822	152	10665	8.165	ng		98
50) Dimethylphthalate	9.675	163	7751	7.926	ng	#	95
51) 2,6-Dinitrotoluene	9.739	165	1589	8.242	ng		99
52) Acenaphthene	9.998	154	6745	8.076	ng		92
53) 3-Nitroaniline	9.904	138	1753	8.149	ng	#	95
54) 2,4-Dinitrophenol	10.004	184	545	5.418	ng	#	1
55) Dibenzofuran	10.169	168	9783	7.967	ng		97
56) 4-Nitrophenol	10.045	139	1405	7.847	ng		96
57) 2,4-Dinitrotoluene	10.139	165	2230	8.449	ng	#	79
58) Fluorene	10.510	166	7314	7.700	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.280	232	1499	6.953	ng	#	97
60) Diethylphthalate	10.380	149	8160	7.980	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	3513	8.148	ng		99
62) 4-Nitroaniline	10.516	138	1736	8.007	ng		85
63) Azobenzene	10.663	77	6809	7.618	ng		97
65) 4,6-Dinitro-2-methylph...	10.545	198	772	5.429	ng		89
66) n-Nitrosodiphenylamine	10.622	169	5870	7.242	ng		95
67) 4-Bromophenyl-phenylether	10.998	248	1948	7.568	ng		94
68) Hexachlorobenzene	11.057	284	2152	8.160	ng	#	95
69) Atrazine	11.139	200	1901	7.658	ng		89
70) Pentachlorophenol	11.245	266	1119	6.708	ng		91
71) Phenanthrene	11.475	178	10863	7.999	ng		97
72) Anthracene	11.527	178	11090	8.140	ng		95
73) Carbazole	11.675	167	9844	7.820	ng		98
74) Di-n-butylphthalate	12.010	149	13329	7.860	ng		99
75) Fluoranthene	12.663	202	10882	7.942	ng		95
77) Benzidine	12.780	184	6421	10.230	ng		98
78) Pyrene	12.892	202	10839	7.770	ng		97
80) Butylbenzylphthalate	13.510	149	4998	7.410	ng		95
81) Benzo(a)anthracene	14.080	228	8521	7.652	ng		97
82) 3,3'-Dichlorobenzidine	14.039	252	3152	10.807	ng	#	95
83) Chrysene	14.116	228	8237	7.722	ng		97
84) Bis(2-ethylhexyl)phtha...	14.068	149	6313	6.972	ng	#	96
85) Di-n-octyl phthalate	14.686	149	8789	6.707	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	5762	7.951	ng	#	67
88) Benzo(b)fluoranthene	15.139	252	6670	7.437	ng		96
89) Benzo(k)fluoranthene	15.168	252	6390	7.765	ng		99
90) Benzo(a)pyrene	15.515	252	5890	7.956	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	5203	8.435	ng		98
92) Benzo(g,h,i)perylene	17.545	276	4802	7.974	ng	#	89

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

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