Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
Data File : BG049424.D
Acq On : 23 Jul 2021 12:17
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/26/2021 1:24:56 PM

Quant Time: Jul 23 12:52:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 11:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	26177	20.000	ng		0.00
21) Naphthalene-d8	10.875	136	101518	20.000	ng	#	0.00
39) Acenaphthene-d10	14.699	164	65664	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	147421	20.000	ng	#	0.00
76) Chrysene-d12	21.731	240	159566	20.000	ng		0.00
86) Perylene-d12	25.015	264	171281	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.600	112	185368	120.143	ng		0.00
7) Phenol-d6	7.203	99	267624	119.101	ng		0.00
23) Nitrobenzene-d5	9.218	82	187586	82.790	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	116398	132.367	ng		0.00
45) 2-Fluorobiphenyl	13.319	172	384225	84.197	ng		0.00
79) Terphenyl-d14	20.062	244	663196	81.170	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	5181	7.412	ng		99
3) Pyridine	3.896	79	11486m	6.448	ng		
4) n-Nitrosodimethylamine	3.808	42	6751	7.718	ng	#	82
6) Aniline	7.374	93	20918	8.608	ng		96
8) 2-Chlorophenol	7.609	128	11893	7.517	ng		94
9) Benzaldehyde	7.186	77	13761	9.219	ng	#	83
10) Phenol	7.227	94	16366	7.646	ng		91
11) bis(2-Chloroethyl)ether	7.462	93	11612	7.919	ng		95
12) 1,3-Dichlorobenzene	7.938	146	13765	7.358	ng		98
13) 1,4-Dichlorobenzene	8.085	146	14577	7.825	ng		93
14) 1,2-Dichlorobenzene	8.408	146	13920	7.735	ng		95
15) Benzyl Alcohol	8.284	79	13292	7.237	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.578	45	12554	7.330	ng		93
17) 2-Methylphenol	8.490	107	10771	7.558	ng		93
18) Hexachloroethane	9.136	117	5890	8.136	ng	#	80
19) n-Nitroso-di-n-propyla...	8.854	70	11557	7.828	ng		93
20) 3+4-Methylphenols	8.819	107	14944	7.652	ng		88
22) Acetophenone	8.878	105	22297	8.202	ng	#	94
24) Nitrobenzene	9.259	77	18483	7.767	ng		93
25) Isophorone	9.788	82	27995	6.973	ng		97
26) 2-Nitrophenol	9.976	139	6460	7.479	ng		91
27) 2,4-Dimethylphenol	10.029	122	12042	8.720	ng		80
28) bis(2-Chloroethoxy)met...	10.270	93	14017	7.826	ng	#	81
29) 2,4-Dichlorophenol	10.517	162	11629	7.262	ng		92
30) 1,2,4-Trichlorobenzene	10.734	180	13896	7.683	ng		92
31) Naphthalene	10.922	128	39756	7.426	ng		97
32) Benzoic acid	10.135	122	2897m	3.193	ng		
33) 4-Chloroaniline	11.033	127	14517	7.105	ng	#	83
34) Hexachlorobutadiene	11.210	225	9757	7.529	ng		94
35) Caprolactam	11.785	113	4002	8.048	ng	#	85
36) 4-Chloro-3-methylphenol	12.150	107	13004	6.885	ng	#	95
37) 2-Methylnaphthalene	12.531	142	30071	7.695	ng		95
38) 1-Methylnaphthalene	12.749	142	27742	7.425	ng		86
40) 1,2,4,5-Tetrachloroben...	12.896	216	16144	8.314	ng		98
41) Hexachlorocyclopentadiene	12.872	237	7254	8.369	ng		83
43) 2,4,6-Trichlorophenol	13.131	196	9086	7.174	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	9736	7.106	ng	#	85
46) 1,1'-Biphenyl	13.530	154	38716	8.043	ng		99
47) 2-Chloronaphthalene	13.577	162	29302	7.925	ng		95
48) 2-Nitroaniline	13.777	65	9208	7.156	ng		87
49) Acenaphthylene	14.423	152	47397	7.906	ng		99
50) Dimethylphthalate	14.147	163	38791	8.132	ng	#	95
51) 2,6-Dinitrotoluene	14.270	165	7852	7.581	ng	#	84
52) Acenaphthene	14.764	154	27061	7.479	ng		90
53) 3-Nitroaniline	14.605	138	7267	6.997	ng	#	96
54) 2,4-Dinitrophenol	14.817	184	2436	5.588	ng		82
55) Dibenzofuran	15.099	168	44461	7.658	ng	#	97
56) 4-Nitrophenol	14.916	139	5149	6.285	ng	#	84
57) 2,4-Dinitrotoluene	15.057	165	10800	7.545	ng	#	89
58) Fluorene	15.751	166	36259	7.707	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.322	232	9038	7.216	ng	#	98
60) Diethylphthalate	15.510	149	39648	8.274	ng		95
61) 4-Chlorophenyl-phenyle...	15.739	204	18698	7.813	ng	#	87
62) 4-Nitroaniline	15.756	138	8015	7.333	ng	#	77
63) Azobenzene	16.033	77	41084	7.743	ng		83
65) 4,6-Dinitro-2-methylph...	15.821	198	4433	5.551	ng		97
66) n-Nitrosodiphenylamine	15.950	169	30390	7.177	ng		97
67) 4-Bromophenyl-phenylether	16.638	248	12690	7.600	ng		97
68) Hexachlorobenzene	16.755	284	14650	7.748	ng		96
69) Atrazine	16.896	200	12594	7.506	ng		98
70) Pentachlorophenol	17.102	266	4174	4.912	ng		98
71) Phenanthrene	17.495	178	57186	7.216	ng		98
72) Anthracene	17.583	178	57925m	7.437	ng		
73) Carbazole	17.854	167	53434	7.212	ng		99
74) Di-n-butylphthalate	18.406	149	62766	7.429	ng		99
75) Fluoranthene	19.504	202	74090	7.509	ng		98
77) Benzidine	19.681	184	35714	8.087	ng		98
78) Pyrene	19.863	202	74981	7.159	ng		99
80) Butylbenzylphthalate	20.744	149	28805	7.565	ng		94
81) Benzo(a)anthracene	21.713	228	76233	7.542	ng		94
82) 3,3'-Dichlorobenzidine	21.625	252	27999	9.602	ng	#	91
83) Chrysene	21.778	228	72188	7.406	ng		97
84) Bis(2-ethylhexyl)phtha...	21.613	149	42422	7.429	ng		94
85) Di-n-octyl phthalate	22.841	149	73308	7.432	ng		99
87) Indeno(1,2,3-cd)pyrene	28.751	276	93856	7.741	ng	#	95
88) Benzo(b)fluoranthene	23.963	252	79550	7.208	ng		98
89) Benzo(k)fluoranthene	24.034	252	78883m	7.684	ng		
90) Benzo(a)pyrene	24.850	252	77356	7.733	ng		98
91) Dibenzo(a,h)anthracene	28.821	278	79119	7.770	ng		98
92) Benzo(g,h,i)perylene	29.920	276	78200	7.761	ng		99

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

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