Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120823.D
Acq On : 10 Jul 2020 10:42
Operator : JU/CG
Sample : L3216-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:23 PM

Quant Time: Jul 10 11:25:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:06:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140000	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	523069	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	252121	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	434556	20.00	ng		0.00
76) Chrysene-d12	14.00	240	311911	20.00	ng		0.00
86) Perylene-d12	15.46	264	258228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	840140	92.63	ng		0.00
7) Phenol-d6	6.47	99	1062762	91.76	ng		0.00
23) Nitrobenzene-d5	7.41	82	710104	78.65	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	242309	95.66	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1276210	76.58	ng		0.00
79) Terphenyl-d14	12.95	244	998796	62.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	32315	7.800	ng		98
3) Pyridine	3.36	79	59874	5.276	ng		94
4) n-Nitrosodimethylamine	3.26	42	35111	6.185	ng		92
6) Aniline	6.50	93	105020	7.060	ng		99
8) 2-Chlorophenol	6.63	128	66787	6.917	ng		95
9) Benzaldehyde	6.39	77	58859	8.545	ng		98
10) Phenol	6.48	94	83111m	6.976	ng		
11) bis(2-Chloroethyl)ether	6.58	93	65954	6.803	ng		99
12) 1,3-Dichlorobenzene	6.79	146	73716	6.936	ng		96
13) 1,4-Dichlorobenzene	6.86	146	74483	6.997	ng		99
14) 1,2-Dichlorobenzene	7.02	146	69583	6.871	ng		99
15) Benzyl Alcohol	6.98	79	64698	7.435	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	98530	6.515	ng		100
17) 2-Methylphenol	7.09	107	52164	6.039	ng		96
18) Hexachloroethane	7.36	117	26657	6.663	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	45993	6.595	ng		99
20) 3+4-Methylphenols	7.24	107	67296	6.325	ng		95
22) Acetophenone	7.25	105	99268	7.635	ng		97
24) Nitrobenzene	7.42	77	75476	7.446	ng		95
25) Isophorone	7.66	82	122019	6.267	ng	#	94
26) 2-Nitrophenol	7.74	139	22958	6.196	ng		99
27) 2,4-Dimethylphenol	7.77	122	53627	6.900	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	78109	6.778	ng		98
29) 2,4-Dichlorophenol	7.97	162	48450	6.244	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	58459	6.708	ng		99
31) Naphthalene	8.15	128	200383	7.168	ng		97
32) Benzoic acid	7.82	122	16459m	3.913	ng		
33) 4-Chloroaniline	8.19	127	77267	6.514	ng		94
34) Hexachlorobutadiene	8.27	225	33317	6.357	ng		99
35) Caprolactam	8.52	113	12499	5.528	ng		90
36) 4-Chloro-3-methylphenol	8.66	107	49603	6.146	ng		98
37) 2-Methylnaphthalene	8.84	142	125149	6.887	ng		99
38) 1-Methylnaphthalene	8.94	142	118520	6.963	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	55634	7.301	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	25273	5.614	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	30700	5.913	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	33609	5.833	ng	#	90
46) 1,1'-Biphenyl	9.30	154	158268	7.782	ng		98
47) 2-Chloronaphthalene	9.33	162	109932	6.747	ng		99
48) 2-Nitroaniline	9.42	65	27811	6.380	ng		91
49) Acenaphthylene	9.74	152	174435	6.829	ng		98
50) Dimethylphthalate	9.60	163	118900	6.465	ng		98
51) 2,6-Dinitrotoluene	9.66	165	21578	6.494	ng		95
52) Acenaphthene	9.92	154	103461	6.529	ng		98
53) 3-Nitroaniline	9.82	138	25405	6.189	ng		91
54) 2,4-Dinitrophenol	9.93	184	2992	2.727	ng	#	35
55) Dibenzofuran	10.09	168	158777	6.951	ng		99
56) 4-Nitrophenol	9.97	139	15639	5.187	ng		96
57) 2,4-Dinitrotoluene	10.06	165	25098	6.292	ng		98
58) Fluorene	10.43	166	118300	6.958	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	26041	6.073	ng	#	87
60) Diethylphthalate	10.30	149	119153	6.219	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	57536	6.732	ng		93
62) 4-Nitroaniline	10.43	138	23444	5.999	ng		98
63) Azobenzene	10.58	77	130481	6.658	ng		93
65) 4,6-Dinitro-2-methylphenol	10.46	198	6351	4.549	ng		93
66) n-Nitrosodiphenylamine	10.54	169	99138	6.806	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	30199	5.991	ng		97
68) Hexachlorobenzene	10.97	284	33154	6.268	ng		98
69) Atrazine	11.06	200	26709	7.118	ng		99
70) Pentachlorophenol	11.17	266	12942	4.324	ng		98
71) Phenanthrene	11.39	178	160940	6.826	ng		99
72) Anthracene	11.44	178	162381	6.815	ng		98
73) Carbazole	11.59	167	143448	6.265	ng		98
74) Di-n-butylphthalate	11.93	149	154968	5.467	ng		99
75) Fluoranthene	12.57	202	154078	6.134	ng		98
77) Benzidine	12.70	184	53721	6.102	ng	#	95
78) Pyrene	12.80	202	161139	6.469	ng		99
80) Butylbenzylphthalate	13.43	149	48390	4.499	ng		99
81) Benzo(a)anthracene	13.99	228	132440	6.624	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	37421	5.546	ng	#	94
83) Chrysene	14.03	228	129157	6.333	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	77132	5.469	ng		100
85) Di-n-octyl phthalate	14.60	149	93919	3.764	ng		97
87) Indeno(1,2,3-cd)pyrene	16.90	276	97130	5.864	ng		97
88) Benzo(b)fluoranthene	15.03	252	101062	5.953	ng		97
89) Benzo(k)fluoranthene	15.06	252	107278	6.494	ng		97
90) Benzo(a)pyrene	15.40	252	87089	5.751	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	83653	6.060	ng		98
92) Benzo(g,h,i)perylene	17.34	276	82781	6.561	ng		99

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

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