Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120813.D
Acq On : 9 Jul 2020 12:32
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:49:36 AM

Quant Time: Jul 09 13:08:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:36:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132516	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	502676	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	240701	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	422589	20.00	ng		0.00
76) Chrysene-d12	14.00	240	296302	20.00	ng		0.00
86) Perylene-d12	15.46	264	247412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1183298	137.84	ng		0.00
7) Phenol-d6	6.47	99	1442273	131.56	ng		0.00
23) Nitrobenzene-d5	7.41	82	680068	78.38	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	350651	145.01	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1224220	76.95	ng		0.00
79) Terphenyl-d14	12.96	244	974151	64.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	17558	4.477	ng		92
3) Pyridine	3.42	79	28454m	2.649	ng		
4) n-Nitrosodimethylamine	3.27	42	17465	3.250	ng		98
6) Aniline	6.51	93	51555	3.662	ng		98
8) 2-Chlorophenol	6.63	128	33749	3.693	ng		86
9) Benzaldehyde	6.40	77	28082	4.307	ng		98
10) Phenol	6.49	94	41574	3.686	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	32361	3.526	ng		96
12) 1,3-Dichlorobenzene	6.79	146	36513	3.629	ng		96
13) 1,4-Dichlorobenzene	6.86	146	37827	3.754	ng		97
14) 1,2-Dichlorobenzene	7.02	146	34909	3.642	ng		99
15) Benzyl Alcohol	6.98	79	37609m	4.566	ng		
16) 2,2'-oxybis(1-Chloropropan	7.12	45	49011	3.424	ng		99
17) 2-Methylphenol	7.09	107	25205	3.083	ng		96
18) Hexachloroethane	7.36	117	13354	3.526	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	22714	3.441	ng		97
20) 3+4-Methylphenols	7.24	107	32568	3.234	ng		96
22) Acetophenone	7.25	105	48283	3.864	ng	#	86
24) Nitrobenzene	7.42	77	38561	3.958	ng		95
25) Isophorone	7.66	82	59796	3.196	ng	#	93
26) 2-Nitrophenol	7.74	139	10451	2.935	ng		97
27) 2,4-Dimethylphenol	7.77	122	26859	3.596	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	38286	3.457	ng		96
29) 2,4-Dichlorophenol	7.97	162	22991	3.083	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	28318	3.381	ng		97
31) Naphthalene	8.15	128	98821	3.679	ng		98
33) 4-Chloroaniline	8.19	127	36309	3.185	ng	#	93
34) Hexachlorobutadiene	8.27	225	16405	3.257	ng		97
35) Caprolactam	8.52	113	5486	2.525	ng		89
36) 4-Chloro-3-methylphenol	8.66	107	23640	3.048	ng		96
37) 2-Methylnaphthalene	8.84	142	62761	3.594	ng		99
38) 1-Methylnaphthalene	8.94	142	57139	3.493	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	26652	3.664	ng		98
41) Hexachlorocyclopentadiene	9.00	237	11825	2.751	ng		99

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43) 2,4,6-Trichlorophenol	9.12	196	14210	2.867	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	15258	2.774	ng	#	88
46) 1,1'-Biphenyl	9.30	154	80287	4.135	ng		98
47) 2-Chloronaphthalene	9.33	162	54946	3.532	ng		98
48) 2-Nitroaniline	9.42	65	12589	3.025	ng		86
49) Acenaphthylene	9.74	152	85771	3.517	ng		97
50) Dimethylphthalate	9.60	163	58957	3.358	ng		99
51) 2,6-Dinitrotoluene	9.66	165	9762	3.077	ng		89
52) Acenaphthene	9.92	154	51357	3.395	ng		97
53) 3-Nitroaniline	9.82	138	11231	2.866	ng		91
55) Dibenzofuran	10.09	168	78623	3.605	ng		99
56) 4-Nitrophenol	9.97	139	6323	2.197	ng		92
57) 2,4-Dinitrotoluene	10.06	165	11145	2.926	ng	#	93
58) Fluorene	10.43	166	58344	3.594	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	11920	2.912	ng	#	87
60) Diethylphthalate	10.30	149	57792	3.160	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	27638	3.387	ng		91
62) 4-Nitroaniline	10.43	138	10525	2.821	ng		95
63) Azobenzene	10.58	77	63086	3.372	ng		92
66) n-Nitrosodiphenylamine	10.54	169	47812	3.376	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	14539	2.966	ng		92
68) Hexachlorobenzene	10.97	284	16941	3.293	ng		93
69) Atrazine	11.06	200	12615	3.457	ng		96
71) Phenanthrene	11.39	178	81895	3.572	ng		98
72) Anthracene	11.44	178	79778	3.443	ng		98
73) Carbazole	11.59	167	71375	3.206	ng		98
74) Di-n-butylphthalate	11.93	149	70869	2.571	ng		99
75) Fluoranthene	12.57	202	73845	3.023	ng		99
77) Benzidine	12.70	184	23417	2.800	ng	#	94
78) Pyrene	12.80	202	79717	3.369	ng		97
80) Butylbenzylphthalate	13.43	149	21543	2.109	ng		98
81) Benzo(a)anthracene	13.99	228	64282	3.384	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	16045	2.503	ng	#	96
83) Chrysene	14.03	228	64428	3.326	ng		95
84) Bis(2-ethylhexyl)phthalate	13.99	149	33187	2.477	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	44563	2.808	ng		97
88) Benzo(b)fluoranthene	15.03	252	47289m	2.907	ng		
89) Benzo(k)fluoranthene	15.06	252	50725	3.205	ng		98
90) Benzo(a)pyrene	15.40	252	39706	2.737	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	37828	2.860	ng		98
92) Benzo(g,h,i)perylene	17.34	276	36963	3.058	ng		98

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

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