Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120815.D
Acq On : 9 Jul 2020 13:29
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:49:39 AM

Quant Time: Jul 09 14:01:46 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	135956	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514769	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	252913	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	442764	20.00	ng	0.00
76) Chrysene-d12	14.00	240	317524	20.00	ng	0.00
86) Perylene-d12	15.46	264	260752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	873725	99.20	ng	0.00
7) Phenol-d6	6.47	99	1114654	99.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	696927	78.44	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	263970	103.89	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1274984	76.27	ng	0.00
79) Terphenyl-d14	12.96	244	1013674	62.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	20996	5.219	ng	95
3) Pyridine	3.39	79	36796	3.339	ng	88
4) n-Nitrosodimethylamine	3.26	42	23018	4.175	ng	90
6) Aniline	6.50	93	64289	4.451	ng	98
8) 2-Chlorophenol	6.63	128	42548	4.537	ng	93
9) Benzaldehyde	6.39	77	37042	5.537	ng	95
10) Phenol	6.48	94	52849m	4.568	ng	
11) bis(2-Chloroethyl)ether	6.58	93	41257	4.382	ng	99
12) 1,3-Dichlorobenzene	6.79	146	46530	4.508	ng	94
13) 1,4-Dichlorobenzene	6.86	146	46112	4.461	ng	97
14) 1,2-Dichlorobenzene	7.02	146	44446	4.519	ng	99
15) Benzyl Alcohol	6.98	79	45326m	5.364	ng	
16) 2,2'-oxybis(1-Chloropropan	7.12	45	61888	4.214	ng	99
17) 2-Methylphenol	7.09	107	32423	3.865	ng	96
18) Hexachloroethane	7.36	117	17132	4.409	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	29070	4.293	ng	99
20) 3+4-Methylphenols	7.24	107	41589	4.025	ng	97
22) Acetophenone	7.25	105	63396	4.955	ng	97
24) Nitrobenzene	7.42	77	48256	4.837	ng	96
25) Isophorone	7.66	82	77119	4.025	ng	94
26) 2-Nitrophenol	7.74	139	13348	3.660	ng	96
27) 2,4-Dimethylphenol	7.77	122	33967	4.441	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	49125	4.332	ng	99
29) 2,4-Dichlorophenol	7.97	162	29620	3.879	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	36824	4.294	ng	99
31) Naphthalene	8.15	128	126976	4.616	ng	98
32) Benzoic acid	7.82	122	8382	2.025	ng	94
33) 4-Chloroaniline	8.19	127	47021	4.028	ng	94
34) Hexachlorobutadiene	8.27	225	21070	4.085	ng	95
35) Caprolactam	8.52	113	7706	3.463	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	30473	3.836	ng	94
37) 2-Methylnaphthalene	8.84	142	78947	4.414	ng	99
38) 1-Methylnaphthalene	8.94	142	73909	4.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	34310	4.489	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	15519	3.436	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	17977	3.451	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	20284	3.509	ng	#	90
46) 1,1'-Biphenyl	9.30	154	99563	4.880	ng		99
47) 2-Chloronaphthalene	9.33	162	70430	4.309	ng		98
48) 2-Nitroaniline	9.42	65	17121	3.915	ng		88
49) Acenaphthylene	9.74	152	109635	4.279	ng		98
50) Dimethylphthalate	9.60	163	76755	4.160	ng		98
51) 2,6-Dinitrotoluene	9.66	165	13521	4.057	ng		93
52) Acenaphthene	9.92	154	65300	4.108	ng		96
53) 3-Nitroaniline	9.82	138	15140	3.677	ng		90
55) Dibenzofuran	10.09	168	101345	4.423	ng		99
56) 4-Nitrophenol	9.97	139	9198	3.041	ng		85
57) 2,4-Dinitrotoluene	10.06	165	15341	3.834	ng		98
58) Fluorene	10.43	166	75530	4.429	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	15821m	3.678	ng		
60) Diethylphthalate	10.30	149	76073	3.958	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	37307	4.351	ng		97
62) 4-Nitroaniline	10.43	138	14494	3.697	ng		96
63) Azobenzene	10.58	77	83980	4.272	ng		93
65) 4,6-Dinitro-2-methylphenol	10.46	198	3132	2.202	ng		94
66) n-Nitrosodiphenylamine	10.54	169	63526	4.281	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	19374	3.772	ng		96
68) Hexachlorobenzene	10.97	284	21853	4.055	ng		94
69) Atrazine	11.06	200	16977	4.440	ng		99
70) Pentachlorophenol	11.17	266	7639	2.505	ng		97
71) Phenanthrene	11.39	178	106048	4.414	ng		98
72) Anthracene	11.44	178	104841	4.319	ng		98
73) Carbazole	11.59	167	92932	3.984	ng		98
74) Di-n-butylphthalate	11.93	149	97626	3.380	ng		99
75) Fluoranthene	12.57	202	102439	4.003	ng		97
77) Benzidine	12.70	184	34268	3.824	ng	#	93
78) Pyrene	12.80	202	106317	4.192	ng		99
80) Butylbenzylphthalate	13.43	149	29753	2.718	ng		98
81) Benzo(a)anthracene	13.99	228	85842	4.217	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	22681	3.302	ng	#	95
83) Chrysene	14.03	228	84720	4.081	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	47723	3.324	ng	#	98
85) Di-n-octyl phthalate	14.60	149	55571	2.188	ng		96
87) Indeno(1,2,3-cd)pyrene	16.90	276	57503	3.438	ng		97
88) Benzo(b)fluoranthene	15.03	252	63480	3.703	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	65967	3.955	ng	#	97
90) Benzo(a)pyrene	15.40	252	53650	3.508	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	48494	3.479	ng		99
92) Benzo(g,h,i)perylene	17.34	276	49212	3.863	ng		98

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

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