Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045991.D
Acq On : 9 Jul 2020 11:45
Operator : CG/JU
Sample : L3216-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/10/2020 11:47:03 AM

Quant Time: Jul 09 13:00:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:56:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	147148	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	600816	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	350847	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	702103	20.00	ng		0.00
76) Chrysene-d12	21.62	240	637491	20.00	ng		-0.01
86) Perylene-d12	24.78	264	633672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	841135	92.70	ng		0.00
7) Phenol-d6	7.16	99	1234207	94.48	ng		0.00
23) Nitrobenzene-d5	9.16	82	881283	84.43	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	302800	92.99	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	1689501	75.11	ng		-0.01
79) Terphenyl-d14	19.98	244	1696950	59.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35119	8.389	ng		98
3) Pyridine	3.91	79	76935	6.078	ng		97
4) n-Nitrosodimethylamine	3.82	42	31622	7.388	ng	#	87
6) Aniline	7.33	93	124226	7.433	ng		97
8) 2-Chlorophenol	7.57	128	68428	7.005	ng		96
9) Benzaldehyde	7.14	77	77447	9.357	ng		97
10) Phenol	7.18	94	93577	7.141	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	77175	7.122	ng		99
12) 1,3-Dichlorobenzene	7.90	146	78697	6.990	ng		94
13) 1,4-Dichlorobenzene	8.04	146	79380	7.167	ng		96
14) 1,2-Dichlorobenzene	8.36	146	75122	7.047	ng		95
15) Benzyl Alcohol	8.24	79	68018	6.640	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	99965	7.070	ng		97
17) 2-Methylphenol	8.44	107	63004	6.407	ng		98
18) Hexachloroethane	9.09	117	30491	7.155	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	66113	7.204	ng		94
20) 3+4-Methylphenols	8.76	107	86599	6.462	ng		94
22) Acetophenone	8.82	105	119840	7.466	ng	#	98
24) Nitrobenzene	9.20	77	90318	7.839	ng		99
25) Isophorone	9.72	82	170905	6.707	ng		98
26) 2-Nitrophenol	9.90	139	25470	6.782	ng		95
27) 2,4-Dimethylphenol	9.97	122	66514	7.333	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	101541	7.096	ng		99
29) 2,4-Dichlorophenol	10.44	162	61500	6.550	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	71571	6.879	ng		97
31) Naphthalene	10.86	128	232461	7.217	ng		98
32) Benzoic acid	10.03	122	21290m	4.335	ng		
33) 4-Chloroaniline	10.95	127	93166	6.473	ng		95
34) Hexachlorobutadiene	11.16	225	39155	6.446	ng		91
35) Caprolactam	11.69	113	21774	6.108	ng		91
36) 4-Chloro-3-methylphenol	12.07	107	70291	6.573	ng		95
37) 2-Methylnaphthalene	12.45	142	164738	7.195	ng		98
38) 1-Methylnaphthalene	12.68	142	154098	7.132	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74281	7.511	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	38661	6.588	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	43543	6.510	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	48910	6.467	ng		96
46) 1,1'-Biphenyl	13.46	154	209291	7.930	ng		97
47) 2-Chloronaphthalene	13.51	162	147462	7.081	ng		99
48) 2-Nitroaniline	13.69	65	38648	7.930	ng		98
49) Acenaphthylene	14.35	152	245356	7.303	ng		95
50) Dimethylphthalate	14.08	163	178969	6.797	ng		98
51) 2,6-Dinitrotoluene	14.19	165	32579	7.974	ng		99
52) Acenaphthene	14.69	154	146083	6.893	ng		99
53) 3-Nitroaniline	14.51	138	36290	7.168	ng	#	87
54) 2,4-Dinitrophenol	14.72	184	6874	4.770	ng	#	58
55) Dibenzofuran	15.02	168	227356	7.319	ng		97
56) 4-Nitrophenol	14.82	139	26993	6.292	ng		90
57) 2,4-Dinitrotoluene	14.97	165	39327	7.790	ng	#	98
58) Fluorene	15.67	166	183026	7.182	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.24	232	38161	6.536	ng		93
60) Diethylphthalate	15.44	149	185874	6.731	ng		96
61) 4-Chlorophenyl-phenylether	15.67	204	85868	6.773	ng		94
62) 4-Nitroaniline	15.67	138	39150	7.194	ng		96
63) Azobenzene	15.96	77	213085	7.190	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	11185	5.439	ng		97
66) n-Nitrosodiphenylamine	15.88	169	157963	7.260	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	50618	6.455	ng		95
68) Hexachlorobenzene	16.68	284	55387	7.039	ng		96
69) Atrazine	16.82	200	50756	7.890	ng		97
70) Pentachlorophenol	17.02	266	22152	5.063	ng		93
71) Phenanthrene	17.41	178	274616	7.398	ng		98
72) Anthracene	17.50	178	282214	7.492	ng		97
73) Carbazole	17.76	167	265777	7.039	ng	#	93
74) Di-n-butylphthalate	18.34	149	308163	6.754	ng		96
75) Fluoranthene	19.41	202	314603	7.332	ng		96
77) Benzidine	19.59	184	153506	8.422	ng		97
78) Pyrene	19.78	202	326370	7.500	ng		93
80) Butylbenzylphthalate	20.68	149	125202	6.089	ng		97
81) Benzo(a)anthracene	21.61	228	299905	7.155	ng		92
82) 3,3'-Dichlorobenzidine	21.52	252	107875	6.965	ng	#	92
83) Chrysene	21.67	228	276459	6.923	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	190140	6.370	ng		95
85) Di-n-octyl phthalate	22.75	149	308517	5.956	ng		98
87) Indeno(1,2,3-cd)pyrene	28.34	276	312606	6.743	ng	#	84
88) Benzo(b)fluoranthene	23.78	252	276350	6.870	ng		98
89) Benzo(k)fluoranthene	23.84	252	285979	7.519	ng		97
90) Benzo(a)pyrene	24.63	252	256500	6.781	ng		95
91) Dibenzo(a,h)anthracene	28.41	278	259167	6.931	ng		99
92) Benzo(g,h,i)perylene	29.45	276	263425	7.001	ng		96

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

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