Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045995.D
Acq On : 9 Jul 2020 15:15
Operator : CG/JU
Sample : L3216-09
Misc : MDL-WTR-4PPM
ALS Vial : 10 Sample Multiplier: 1

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

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

Quant Time: Jul 09 16:18:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	155028	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	636270	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	385236	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	774432	20.00	ng		0.00
76) Chrysene-d12	21.63	240	688902	20.00	ng		0.00
86) Perylene-d12	24.78	264	677997	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1259040	131.70	ng		0.00
7) Phenol-d6	7.16	99	1801611	130.90	ng		0.00
23) Nitrobenzene-d5	9.16	82	919249	83.16	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	507341	141.90	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1776032	71.91	ng		0.00
79) Terphenyl-d14	19.98	244	1806516	58.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20798	4.716	ng		95
3) Pyridine	3.91	79	41165	3.087	ng		97
4) n-Nitrosodimethylamine	3.82	42	17361	3.850	ng	#	86
6) Aniline	7.33	93	63891	3.629	ng		99
8) 2-Chlorophenol	7.57	128	38053	3.698	ng		93
9) Benzaldehyde	7.14	77	45231	5.187	ng		95
10) Phenol	7.19	94	50744	3.675	ng		91
11) bis(2-Chloroethyl)ether	7.42	93	42235	3.699	ng		98
12) 1,3-Dichlorobenzene	7.90	146	42101	3.549	ng		96
13) 1,4-Dichlorobenzene	8.04	146	43160	3.699	ng		97
14) 1,2-Dichlorobenzene	8.36	146	39449	3.513	ng		95
15) Benzyl Alcohol	8.23	79	38039	3.525	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	52710	3.539	ng		96
17) 2-Methylphenol	8.44	107	33470	3.231	ng		99
18) Hexachloroethane	9.09	117	16476	3.670	ng		91
19) n-Nitroso-di-n-propylamine	8.80	70	36026	3.726	ng		96
20) 3+4-Methylphenols	8.76	107	43902	3.109	ng		92
22) Acetophenone	8.82	105	64050	3.768	ng	#	96
24) Nitrobenzene	9.20	77	51161	4.193	ng		97
25) Isophorone	9.73	82	95727	3.547	ng		98
26) 2-Nitrophenol	9.91	139	13893	3.493	ng		88
27) 2,4-Dimethylphenol	9.97	122	32906	3.426	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	56482	3.727	ng		97
29) 2,4-Dichlorophenol	10.44	162	31108	3.128	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	37910	3.441	ng		93
31) Naphthalene	10.85	128	125633	3.683	ng		97
33) 4-Chloroaniline	10.95	127	53083	3.483	ng		95
34) Hexachlorobutadiene	11.15	225	21043	3.271	ng		97
35) Caprolactam	11.68	113	11353	3.007	ng		95
36) 4-Chloro-3-methylphenol	12.07	107	38385	3.389	ng	#	88
37) 2-Methylnaphthalene	12.46	142	90272	3.723	ng		96
38) 1-Methylnaphthalene	12.67	142	88349	3.861	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	41538	3.825	ng		95
41) Hexachlorocyclopentadiene	12.82	237	21243	3.297	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	23795	3.240	ng		90
44) 2,4,5-Trichlorophenol	13.12	196	25041	3.016	ng		99
46) 1,1'-Biphenyl	13.46	154	117388	4.051	ng		97
47) 2-Chloronaphthalene	13.50	162	83939	3.671	ng		98
48) 2-Nitroaniline	13.69	65	21706	4.056	ng		87
49) Acenaphthylene	14.34	152	137960	3.740	ng		98
50) Dimethylphthalate	14.08	163	101930	3.526	ng		98
51) 2,6-Dinitrotoluene	14.18	165	17932	3.997	ng		89
52) Acenaphthene	14.69	154	80688	3.468	ng		93
53) 3-Nitroaniline	14.51	138	20166	3.628	ng	#	94
54) 2,4-Dinitrophenol	14.71	184	3252	2.055	ng	#	5
55) Dibenzofuran	15.02	168	128870	3.778	ng	#	96
56) 4-Nitrophenol	14.81	139	14813	3.145	ng		90
57) 2,4-Dinitrotoluene	14.97	165	20960	3.781	ng	#	98
58) Fluorene	15.67	166	104982	3.752	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	19897m	3.103	ng		
60) Diethylphthalate	15.45	149	106291	3.506	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	48661	3.496	ng		99
62) 4-Nitroaniline	15.67	138	21190	3.546	ng		87
63) Azobenzene	15.96	77	122361	3.760	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	6530	2.879	ng		94
66) n-Nitrosodiphenylamine	15.88	169	90663	3.778	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	28520	3.297	ng		97
68) Hexachlorobenzene	16.68	284	31378	3.615	ng		94
69) Atrazine	16.82	200	27915	3.934	ng		97
70) Pentachlorophenol	17.02	266	11386	2.359	ng		98
71) Phenanthrene	17.41	178	160558	3.922	ng		95
72) Anthracene	17.50	178	161115	3.878	ng		95
73) Carbazole	17.76	167	146166	3.510	ng		98
74) Di-n-butylphthalate	18.34	149	171003	3.398	ng	#	96
75) Fluoranthene	19.42	202	178997	3.782	ng		96
77) Benzidine	19.59	184	81399	4.132	ng		98
78) Pyrene	19.78	202	182695	3.885	ng		93
80) Butylbenzylphthalate	20.68	149	67126	3.021	ng		97
81) Benzo(a)anthracene	21.60	228	167436	3.696	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	58190	3.476	ng		96
83) Chrysene	21.67	228	159660	3.700	ng		92
84) Bis(2-ethylhexyl)phthalate	21.55	149	103348	3.204	ng	#	93
85) Di-n-octyl phthalate	22.74	149	157532	2.814	ng		100
87) Indeno(1,2,3-cd)pyrene	28.34	276	169054	3.408	ng		99
88) Benzo(b)fluoranthene	23.78	252	156485	3.636	ng		96
89) Benzo(k)fluoranthene	23.84	252	155511	3.821	ng		94
90) Benzo(a)pyrene	24.62	252	142152	3.512	ng		94
91) Dibenzo(a,h)anthracene	28.41	278	145183	3.629	ng		95
92) Benzo(g,h,i)perylene	29.46	276	140642	3.493	ng		96

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

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