Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043885.D
Acq On : 3 Jan 2020 12:52
Operator : JU
Sample : K5111-09
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:43 AM

Quant Time: Jan 03 13:30:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 12:50:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	114045	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	522331	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	357654	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	784589	20.00	ng		0.00
76) Chrysene-d12	21.58	240	695127	20.00	ng		0.00
87) Perylene-d12	24.72	264	779111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	876085	141.05	ng		0.00
7) Phenol-d6	7.12	99	1231831	141.88	ng		0.00
23) Nitrobenzene-d5	9.12	82	956846	98.00	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	536706	143.40	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2064325	104.57	ng		0.00
79) Terphenyl-d14	19.95	244	2822293	98.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	22066	8.148	ng		91
3) Pyridine	3.83	79	55623	6.952	ng		90
4) n-Nitrosodimethylamine	3.75	42	24571	6.898	ng	#	98
6) Aniline	7.28	93	90662	7.950	ng		98
8) 2-Chlorophenol	7.53	128	56229	7.711	ng		95
9) Benzaldehyde	7.09	77	55152	9.925	ng		99
10) Phenol	7.15	94	70530	7.885	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	61563	7.973	ng		97
12) 1,3-Dichlorobenzene	7.85	146	65870	7.720	ng		96
13) 1,4-Dichlorobenzene	8.00	146	66227	7.866	ng		99
14) 1,2-Dichlorobenzene	8.32	146	62289	7.708	ng		96
15) Benzyl Alcohol	8.19	79	50307	7.342	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	87140	7.294	ng		99
17) 2-Methylphenol	8.40	107	46498	7.183	ng		94
18) Hexachloroethane	9.05	117	24133	7.367	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	48845	7.554	ng	#	93
20) 3+4-Methylphenols	8.73	107	66521	7.366	ng		98
22) Acetophenone	8.78	105	97218	7.487	ng		99
24) Nitrobenzene	9.16	77	72061	7.452	ng		98
25) Isophorone	9.68	82	136663	7.461	ng		96
26) 2-Nitrophenol	9.87	139	27842	6.085	ng		98
27) 2,4-Dimethylphenol	9.93	122	37388	5.429	ng		94
28) bis(2-Chloroethoxy)methane	10.17	93	89914	7.363	ng		97
29) 2,4-Dichlorophenol	10.41	162	54992	6.694	ng		94
30) 1,2,4-Trichlorobenzene	10.63	180	67247	7.301	ng		96
31) Naphthalene	10.81	128	204045	8.073	ng		97
32) Benzoic acid	10.00	122	12811m	2.493	ng		
33) 4-Chloroaniline	10.91	127	85026	7.053	ng		97
34) Hexachlorobutadiene	11.11	225	39190	6.968	ng		98
35) Caprolactam	11.65	113	20968	6.856	ng		91
36) 4-Chloro-3-methylphenol	12.04	107	60113	6.874	ng		96
37) 2-Methylnaphthalene	12.42	142	152921	8.036	ng		99
38) 1-Methylnaphthalene	12.64	142	148486	8.233	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	75779	7.229	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	37871	6.968	ng		93
43) 2,4,6-Trichlorophenol	13.03	196	42569	5.902	ng		95
44) 2,4,5-Trichlorophenol	13.09	196	49512	6.655	ng		96
46) 1,1'-Biphenyl	13.43	154	203586	7.939	ng		97
47) 2-Chloronaphthalene	13.47	162	152496	7.359	ng		98
48) 2-Nitroaniline	13.66	65	40117	6.019	ng		94
49) Acenaphthylene	14.31	152	247439	8.308	ng		95
50) Dimethylphthalate	14.05	163	202826	7.987	ng		97
51) 2,6-Dinitrotoluene	14.15	165	38473	6.703	ng		90
52) Acenaphthene	14.66	154	153596	7.354	ng		99
53) 3-Nitroaniline	14.48	138	43249	6.635	ng		96
54) 2,4-Dinitrophenol	14.69	184	8637	3.338	ng		89
55) Dibenzofuran	14.99	168	251989	8.764	ng		93
56) 4-Nitrophenol	14.79	139	32522	6.511	ng		94
57) 2,4-Dinitrotoluene	14.94	165	51314	6.570	ng		94
58) Fluorene	15.64	166	194357	8.529	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	46215	7.224	ng		98
60) Diethylphthalate	15.41	149	207330	8.163	ng		94
61) 4-Chlorophenyl-phenylether	15.64	204	97746	7.899	ng		96
62) 4-Nitroaniline	15.64	138	44867	6.970	ng		94
63) Azobenzene	15.93	77	196409	8.338	ng		96
65) 4,6-Dinitro-2-methylphenol	15.71	198	19068	4.997	ng		93
66) n-Nitrosodiphenylamine	15.84	169	177303	7.674	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	62029	7.029	ng		92
68) Hexachlorobenzene	16.65	284	67505	7.100	ng		98
69) Atrazine	16.79	200	54078	7.200	ng		99
70) Pentachlorophenol	16.98	266	25282	4.823	ng		93
71) Phenanthrene	17.38	178	317226	8.429	ng		93
72) Anthracene	17.46	178	316781	8.517	ng		94
73) Carbazole	17.73	167	285832	8.320	ng		94
74) Di-n-butylphthalate	18.31	149	347424	7.921	ng	#	93
75) Fluoranthene	19.39	202	366800	8.523	ng		93
77) Benzidine	19.56	184	129235	7.396	ng		99
78) Pyrene	19.74	202	384038	8.464	ng		91
80) Butylbenzylphthalate	20.64	149	142497	6.596	ng		93
81) Benzo(a)anthracene	21.57	228	355543	8.249	ng		92
82) 3,3'-Dichlorobenzidine	21.48	252	125401	7.364	ng		94
83) Chrysene	21.63	228	332608	8.121	ng		92
84) Bis(2-ethylhexyl)phthalate	21.50	149	218090	7.317	ng		93
85) Di-n-octyl phthalate	22.68	149	350325	6.991	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	384172	6.902	ng	#	90
88) Benzo(b)fluoranthene	23.72	252	339709	7.376	ng		95
89) Benzo(k)fluoranthene	23.79	252	352731	8.053	ng		95
90) Benzo(a)pyrene	24.56	252	312928	7.198	ng		97
91) Dibenzo(a,h)anthracene	28.31	278	327945	7.512	ng		95
92) Benzo(g,h,i)perylene	29.34	276	318569	7.346	ng		94

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

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