Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041792.D
Acq On : 29 Jul 2019 17:02
Operator : HP/JU
Sample : K3591-08
Misc : LOQ-WATER-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:34 PM

Quant Time: Jul 30 07:53:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99589	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	416598	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	300570	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	668780	20.00	ng		0.00
76) Chrysene-d12	21.74	240	663961	20.00	ng		0.00
87) Perylene-d12	25.01	264	760626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	622370	121.59	ng		0.00
7) Phenol-d6	7.19	99	817226	118.43	ng		0.00
23) Nitrobenzene-d5	9.21	82	516209	85.27	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	434722	127.33	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1405201	82.46	ng		0.00
79) Terphenyl-d14	20.07	244	2175345	74.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	24519	10.177	ng		93
3) Pyridine	3.88	79	53527	8.102	ng		88
4) n-Nitrosodimethylamine	3.79	42	23680	9.042	ng	#	97
6) Aniline	7.36	93	89419	9.202	ng	#	92
8) 2-Chlorophenol	7.61	128	57064	9.736	ng		94
9) Benzaldehyde	7.17	77	52990	10.913	ng		93
10) Phenol	7.22	94	69507	9.682	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	56183	9.519	ng		92
12) 1,3-Dichlorobenzene	7.93	146	72412	9.466	ng		99
13) 1,4-Dichlorobenzene	8.08	146	74519	9.735	ng		96
14) 1,2-Dichlorobenzene	8.40	146	67767	9.278	ng		94
15) Benzyl Alcohol	8.28	79	50373	9.279	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97771	9.311	ng		97
17) 2-Methylphenol	8.48	107	49157	9.415	ng		98
18) Hexachloroethane	9.14	117	24223	9.241	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	47873	9.555	ng	#	87
20) 3+4-Methylphenols	8.81	107	67067	9.387	ng		98
22) Acetophenone	8.87	105	93033	9.984	ng	#	92
24) Nitrobenzene	9.25	77	66056	10.357	ng		99
25) Isophorone	9.78	82	130796	9.932	ng		96
26) 2-Nitrophenol	9.97	139	28755	9.715	ng		91
27) 2,4-Dimethylphenol	10.03	122	57062	10.923	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	81548	9.909	ng		98
29) 2,4-Dichlorophenol	10.51	162	62439	9.815	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	75787	9.394	ng		97
31) Naphthalene	10.92	128	194468	10.199	ng		99
32) Benzoic acid	10.10	122	10576	11.047	ng		91
33) 4-Chloroaniline	11.02	127	83975	9.287	ng	#	94
34) Hexachlorobutadiene	11.22	225	49380	9.069	ng		99
35) Caprolactam	11.77	113	21769	9.846	ng	#	68
36) 4-Chloro-3-methylphenol	12.14	107	62193	9.861	ng		96
37) 2-Methylnaphthalene	12.53	142	153869	10.196	ng		98
38) 1-Methylnaphthalene	12.75	142	145980	10.207	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	94901	9.975	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	53127	9.932	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	55918	9.299	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	60390	9.664	ng		96
46) 1,1'-Biphenyl	13.53	154	200834	10.394	ng		96
47) 2-Chloronaphthalene	13.58	162	161029	9.789	ng		94
48) 2-Nitroaniline	13.77	65	38272	9.173	ng		97
49) Acenaphthylene	14.42	152	264540	10.751	ng		94
50) Dimethylphthalate	14.14	163	212759	10.365	ng		97
51) 2,6-Dinitrotoluene	14.26	165	43805	10.205	ng	#	84
52) Acenaphthene	14.76	154	159020	9.936	ng		97
53) 3-Nitroaniline	14.59	138	42336	9.219	ng		92
54) 2,4-Dinitrophenol	14.80	184	13307	10.174	ng		92
55) Dibenzofuran	15.10	168	265311	10.838	ng		93
56) 4-Nitrophenol	14.89	139	32238	9.249	ng		92
57) 2,4-Dinitrotoluene	15.05	165	59650	10.105	ng		94
58) Fluorene	15.75	166	209459	10.662	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	58911	9.518	ng		95
60) Diethylphthalate	15.51	149	208574	10.349	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	121295	10.114	ng		94
62) 4-Nitroaniline	15.75	138	47959	9.642	ng		99
63) Azobenzene	16.04	77	168529	10.237	ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	28344	14.275	ng		95
66) n-Nitrosodiphenylamine	15.95	169	190576	10.461	ng		95
67) 4-Bromophenyl-phenylether	16.64	248	79161	9.609	ng		93
68) Hexachlorobenzene	16.76	284	81996	9.514	ng		92
69) Atrazine	16.90	200	72122	10.076	ng		95
70) Pentachlorophenol	17.10	266	42242	8.628	ng		95
71) Phenanthrene	17.49	178	346716	10.816	ng		92
72) Anthracene	17.58	178	354515m	11.089	ng		
73) Carbazole	17.85	167	307729	10.724	ng		93
74) Di-n-butylphthalate	18.42	149	346699	10.657	ng	#	93
75) Fluoranthene	19.50	202	440391	11.302	ng		87
77) Benzidine	19.68	184	211741	9.770	ng		98
78) Pyrene	19.87	202	452499	11.503	ng	#	88
80) Butylbenzylphthalate	20.75	149	146237	9.696	ng		90
81) Benzo(a)anthracene	21.72	228	418077	10.643	ng		90
82) 3,3'-Dichlorobenzidine	21.62	252	168643	10.693	ng		96
83) Chrysene	21.78	228	409586	10.877	ng	#	89
84) Bis(2-ethylhexyl)phthalate	21.64	149	213432	10.259	ng		97
85) Di-n-octyl phthalate	22.87	149	351476	10.038	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.73	276	475231	9.534	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	422816	10.161	ng	#	92
89) Benzo(k)fluoranthene	24.03	252	436596	10.772	ng	#	92
90) Benzo(a)pyrene	24.85	252	417369	10.459	ng	#	96
91) Dibenzo(a,h)anthracene	28.81	278	400918	10.232	ng	#	92
92) Benzo(g,h,i)perylene	29.90	276	393488	10.051	ng		96

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

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