Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041805.D
Acq On : 30 Jul 2019 17:15
Operator : HP/JU
Sample : K3591-09
Misc : MDL-WATER-8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:02 PM

Quant Time: Jul 31 08:59:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85167	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	372033	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	276748	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	640566	20.00	ng		0.00
76) Chrysene-d12	21.73	240	658366	20.00	ng		0.00
87) Perylene-d12	25.01	264	745522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	433190	98.96	ng		0.00
7) Phenol-d6	7.19	99	594759	100.78	ng		0.00
23) Nitrobenzene-d5	9.21	82	460018	85.09	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	346210	110.14	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1288563	82.12	ng		0.00
79) Terphenyl-d14	20.07	244	2113716	73.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	17200	8.348	ng		92
3) Pyridine	3.88	79	35202	6.231	ng		89
4) n-Nitrosodimethylamine	3.78	42	15286	6.825	ng	#	100
6) Aniline	7.36	93	62725	7.548	ng		97
8) 2-Chlorophenol	7.60	128	40294	8.039	ng		91
9) Benzaldehyde	7.17	77	36683	8.834	ng		93
10) Phenol	7.22	94	49406	8.047	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	39548	7.835	ng		95
12) 1,3-Dichlorobenzene	7.93	146	48078	7.349	ng		99
13) 1,4-Dichlorobenzene	8.08	146	49768	7.603	ng		97
14) 1,2-Dichlorobenzene	8.40	146	46795	7.492	ng		97
15) Benzyl Alcohol	8.28	79	35278	7.598	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	67028	7.464	ng		98
17) 2-Methylphenol	8.48	107	34728	7.778	ng		98
18) Hexachloroethane	9.14	117	16044	7.157	ng	#	81
19) n-Nitroso-di-n-propylamine	8.85	70	33575	7.836	ng		92
20) 3+4-Methylphenols	8.81	107	46037	7.535	ng		98
22) Acetophenone	8.87	105	64333	7.731	ng	#	93
24) Nitrobenzene	9.25	77	48652	8.542	ng		97
25) Isophorone	9.78	82	89745	7.631	ng		95
26) 2-Nitrophenol	9.97	139	22006	8.325	ng		93
27) 2,4-Dimethylphenol	10.02	122	39715	8.513	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	56115	7.636	ng		95
29) 2,4-Dichlorophenol	10.51	162	45122	7.942	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	55291	7.675	ng		98
31) Naphthalene	10.92	128	137610	8.082	ng		96
32) Benzoic acid	10.12	122	6676	2.320	ng	#	68
33) 4-Chloroaniline	11.02	127	60472	7.489	ng		94
34) Hexachlorobutadiene	11.22	225	36017	7.407	ng		92
35) Caprolactam	11.76	113	16322	8.267	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	44356	7.875	ng		92
37) 2-Methylnaphthalene	12.53	142	112741	8.365	ng		99
38) 1-Methylnaphthalene	12.74	142	106341m	8.326	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	72025	8.222	ng	#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	34906	7.087	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	40517	7.318	ng		100
44) 2,4,5-Trichlorophenol	13.20	196	47131	8.191	ng	#	95
46) 1,1'-Biphenyl	13.53	154	146999	8.263	ng		96
47) 2-Chloronaphthalene	13.57	162	118795	7.843	ng		94
48) 2-Nitroaniline	13.77	65	29194	7.600	ng		86
49) Acenaphthylene	14.42	152	193395	8.536	ng		94
50) Dimethylphthalate	14.15	163	157422	8.329	ng		96
51) 2,6-Dinitrotoluene	14.26	165	34806	8.807	ng	#	88
52) Acenaphthene	14.77	154	114987	7.803	ng		96
53) 3-Nitroaniline	14.59	138	32062	7.583	ng		93
54) 2,4-Dinitrophenol	14.80	184	7459	3.952	ng		92
55) Dibenzofuran	15.10	168	198779	8.819	ng		92
56) 4-Nitrophenol	14.89	139	23089	7.194	ng		93
57) 2,4-Dinitrotoluene	15.05	165	43823	8.063	ng		99
58) Fluorene	15.75	166	157698	8.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	43643	7.658	ng		96
60) Diethylphthalate	15.51	149	157618	8.494	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	89054	8.065	ng		97
62) 4-Nitroaniline	15.75	138	38356	8.375	ng		98
63) Azobenzene	16.03	77	127074	8.383	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	19453	6.924	ng		86
66) n-Nitrosodiphenylamine	15.95	169	141740	8.123	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	59700	7.566	ng		92
68) Hexachlorobenzene	16.76	284	61082	7.400	ng		95
69) Atrazine	16.90	200	54318	7.923	ng		99
70) Pentachlorophenol	17.10	266	26098	5.565	ng		93
71) Phenanthrene	17.49	178	268270	8.737	ng		92
72) Anthracene	17.59	178	273776	8.940	ng		92
73) Carbazole	17.85	167	240491	8.750	ng		93
74) Di-n-butylphthalate	18.42	149	272084	8.732	ng	#	92
75) Fluoranthene	19.50	202	343909	9.215	ng		90
77) Benzidine	19.68	184	148669	6.918	ng		97
78) Pyrene	19.87	202	353034	9.050	ng	#	88
80) Butylbenzylphthalate	20.75	149	113076	7.561	ng		91
81) Benzo(a)anthracene	21.72	228	332815m	8.544	ng		
82) 3,3'-Dichlorobenzidine	21.63	252	128283	8.203	ng		96
83) Chrysene	21.78	228	320531	8.585	ng		89
84) Bis(2-ethylhexyl)phthalate	21.63	149	167799	8.134	ng		96
85) Di-n-octyl phthalate	22.87	149	276324	7.959	ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.74	276	373086	7.548	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	338215	8.293	ng	#	95
89) Benzo(k)fluoranthene	24.04	252	331938	8.355	ng	#	92
90) Benzo(a)pyrene	24.85	252	327627	8.376	ng	#	94
91) Dibenzo(a,h)anthracene	28.81	278	309384	8.056	ng	#	95
92) Benzo(g,h,i)perylene	29.90	276	299500	7.805	ng	#	93

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

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