Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041791.D
Acq On : 29 Jul 2019 16:24
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:31 PM

Quant Time: Jul 30 07:51:58 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	98212	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	422380	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	308604	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	696160	20.00	ng		0.00
76) Chrysene-d12	21.74	240	683300	20.00	ng		0.00
87) Perylene-d12	25.01	264	780237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	510352	101.10	ng		0.00
7) Phenol-d6	7.19	99	682322	100.26	ng		0.00
23) Nitrobenzene-d5	9.21	82	515635	84.01	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	365331	104.22	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1420416	81.18	ng		0.00
79) Terphenyl-d14	20.06	244	2193836	73.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	20434	8.601	ng		87
3) Pyridine	3.88	79	41635	6.390	ng		89
4) n-Nitrosodimethylamine	3.79	42	17816	6.898	ng	#	93
6) Aniline	7.36	93	74277	7.751	ng		96
8) 2-Chlorophenol	7.60	128	45923	7.945	ng		96
9) Benzaldehyde	7.17	77	41505	8.668	ng		84
10) Phenol	7.21	94	55801	7.882	ng		92
11) bis(2-Chloroethyl)ether	7.46	93	44604	7.663	ng		92
12) 1,3-Dichlorobenzene	7.94	146	57352	7.602	ng		97
13) 1,4-Dichlorobenzene	8.08	146	58307	7.724	ng		95
14) 1,2-Dichlorobenzene	8.40	146	55164	7.658	ng		95
15) Benzyl Alcohol	8.28	79	39647	7.405	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	77849	7.518	ng		98
17) 2-Methylphenol	8.48	107	38763	7.528	ng		95
18) Hexachloroethane	9.15	117	19386	7.499	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	38619	7.816	ng		90
20) 3+4-Methylphenols	8.81	107	53991	7.663	ng		97
22) Acetophenone	8.87	105	77094	8.160	ng	#	87
24) Nitrobenzene	9.25	77	53353	8.251	ng		99
25) Isophorone	9.78	82	105718	7.918	ng		100
26) 2-Nitrophenol	9.97	139	23258	7.750	ng		96
27) 2,4-Dimethylphenol	10.03	122	44599	8.420	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	65365	7.834	ng		96
29) 2,4-Dichlorophenol	10.51	162	49252	7.636	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	63653	7.782	ng		96
31) Naphthalene	10.92	128	157531	8.149	ng		97
32) Benzoic acid	10.11	122	5187	9.850	ng		94
33) 4-Chloroaniline	11.02	127	67635	7.378	ng		97
34) Hexachlorobutadiene	11.22	225	39930	7.233	ng		91
35) Caprolactam	11.77	113	17895	7.983	ng	#	71
36) 4-Chloro-3-methylphenol	12.14	107	49225	7.698	ng		99
37) 2-Methylnaphthalene	12.53	142	124580	8.142	ng		99
38) 1-Methylnaphthalene	12.75	142	120519	8.311	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	77463	7.930	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	41172	7.496	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	45131	7.310	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	50167	7.819	ng		98
46) 1,1'-Biphenyl	13.54	154	164932	8.314	ng		96
47) 2-Chloronaphthalene	13.58	162	134262	7.949	ng		92
48) 2-Nitroaniline	13.77	65	30622	7.149	ng		96
49) Acenaphthylene	14.42	152	216685	8.577	ng	#	94
50) Dimethylphthalate	14.15	163	173583	8.236	ng		97
51) 2,6-Dinitrotoluene	14.26	165	36877	8.368	ng		89
52) Acenaphthene	14.76	154	127465	7.757	ng		93
53) 3-Nitroaniline	14.59	138	34309	7.277	ng	#	96
54) 2,4-Dinitrophenol	14.80	184	9216	7.982	ng		95
55) Dibenzofuran	15.10	168	220197	8.761	ng		90
56) 4-Nitrophenol	14.89	139	25331	7.078	ng		87
57) 2,4-Dinitrotoluene	15.05	165	46906	7.739	ng		92
58) Fluorene	15.75	166	173360	8.595	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	46917	7.383	ng		96
60) Diethylphthalate	15.52	149	171315	8.279	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	100840	8.189	ng		96
62) 4-Nitroaniline	15.75	138	37427	7.329	ng		95
63) Azobenzene	16.04	77	139123	8.231	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	21335	12.220	ng		90
66) n-Nitrosodiphenylamine	15.95	169	161003	8.490	ng		92
67) 4-Bromophenyl-phenylether	16.64	248	65891	7.684	ng		98
68) Hexachlorobenzene	16.76	284	67912	7.570	ng		95
69) Atrazine	16.90	200	57004	7.651	ng		98
70) Pentachlorophenol	17.10	266	31111	6.104	ng		97
71) Phenanthrene	17.50	178	290596m	8.709	ng		
72) Anthracene	17.58	178	292574	8.791	ng		93
73) Carbazole	17.85	167	254978	8.536	ng		92
74) Di-n-butylphthalate	18.42	149	286170	8.451	ng	#	93
75) Fluoranthene	19.51	202	362042	8.926	ng		90
77) Benzidine	19.68	184	170703	7.654	ng		97
78) Pyrene	19.86	202	377848	9.333	ng	#	87
80) Butylbenzylphthalate	20.76	149	116686	7.518	ng		89
81) Benzo(a)anthracene	21.72	228	350304m	8.665	ng		
82) 3,3'-Dichlorobenzidine	21.63	252	136605	8.416	ng	#	97
83) Chrysene	21.78	228	338360	8.731	ng		90
84) Bis(2-ethylhexyl)phthalate	21.63	149	174527	8.151	ng		91
85) Di-n-octyl phthalate	22.87	149	287010	7.965	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.74	276	391856	7.639	ng	#	82
88) Benzo(b)fluoranthene	23.97	252	346909	8.128	ng		93
89) Benzo(k)fluoranthene	24.04	252	358566	8.624	ng	#	94
90) Benzo(a)pyrene	24.85	252	341414	8.340	ng	#	93
91) Dibenzo(a,h)anthracene	28.81	278	325686	8.103	ng		95
92) Benzo(g,h,i)perylene	29.90	276	323297	8.051	ng	#	95

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

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