Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022736.D
Acq On : 20 Sep 2019 21:32
Operator : HP/JU
Sample : K3591-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:58 AM

Quant Time: Sep 21 02:30:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	195939	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	776710	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	437529	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	852260	20.00	ng		0.00
76) Chrysene-d12	21.37	240	791367	20.00	ng		-0.01
87) Perylene-d12	23.64	264	828672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1461592	118.30	ng		0.00
7) Phenol-d6	6.99	99	1865717	117.58	ng		0.00
23) Nitrobenzene-d5	8.97	82	1100142	78.63	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	647717	118.59	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2502128	78.75	ng		0.00
79) Terphenyl-d14	19.82	244	3330063	81.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	25988	5.228	ng	#	100
3) Pyridine	3.75	79	56603	4.320	ng	#	95
4) n-Nitrosodimethylamine	3.64	42	23152	4.853	ng	#	84
6) Aniline	7.15	93	90356	4.749	ng		99
8) 2-Chlorophenol	7.39	128	61830	4.912	ng		96
9) Benzaldehyde	6.96	77	56084	6.207	ng		99
10) Phenol	7.02	94	75412	5.048	ng		97
11) bis(2-Chloroethyl)ether	7.25	93	57009	4.857	ng		99
12) 1,3-Dichlorobenzene	7.72	146	71778	4.771	ng		99
13) 1,4-Dichlorobenzene	7.86	146	73050	4.796	ng		100
14) 1,2-Dichlorobenzene	8.17	146	68538	4.720	ng		97
15) Benzyl Alcohol	8.06	79	45698	4.602	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	84463	4.954	ng		99
17) 2-Methylphenol	8.26	107	45281	4.579	ng		98
18) Hexachloroethane	8.90	117	26379	4.722	ng		93
19) n-Nitroso-di-n-propylamine	8.63	70	41939	4.733	ng		99
20) 3+4-Methylphenols	8.59	107	58245	4.422	ng		96
22) Acetophenone	8.65	105	89728	4.680	ng	#	99
24) Nitrobenzene	9.02	77	70899	5.296	ng		99
25) Isophorone	9.55	82	103634	4.505	ng		100
26) 2-Nitrophenol	9.73	139	21768	3.766	ng		94
27) 2,4-Dimethylphenol	9.79	122	47941	4.955	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	74123	4.656	ng		98
29) 2,4-Dichlorophenol	10.26	162	44825	4.098	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	63139	4.691	ng		97
31) Naphthalene	10.67	128	191543	4.991	ng		99
32) Benzoic acid	9.85	122	12689m	2.038	ng		
33) 4-Chloroaniline	10.77	127	75154	4.510	ng		99
34) Hexachlorobutadiene	10.96	225	36348	4.531	ng		100
35) Caprolactam	11.55	113	10389m	3.204	ng		
36) 4-Chloro-3-methylphenol	11.89	107	43667	4.092	ng		99
37) 2-Methylnaphthalene	12.28	142	129797	4.859	ng		99
38) 1-Methylnaphthalene	12.50	142	121505	4.792	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	64718	4.365	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	34344	4.246	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	31659	3.700	ng		97
44) 2,4,5-Trichlorophenol	12.96	196	36070	4.045	ng		98
46) 1,1'-Biphenyl	13.29	154	167362	4.622	ng		99
47) 2-Chloronaphthalene	13.33	162	129069	4.782	ng		98
48) 2-Nitroaniline	13.53	65	24536	3.491	ng		94
49) Acenaphthylene	14.17	152	178235	4.459	ng		99
50) Dimethylphthalate	13.91	163	143247	4.530	ng		99
51) 2,6-Dinitrotoluene	14.02	165	25855	3.909	ng		94
52) Acenaphthene	14.52	154	122285	4.677	ng		99
53) 3-Nitroaniline	14.35	138	25547	3.355	ng	#	93
54) 2,4-Dinitrophenol	14.55	184	7934	2.541	ng		96
55) Dibenzofuran	14.86	168	190427	4.988	ng		98
56) 4-Nitrophenol	14.65	139	18601	3.178	ng		92
57) 2,4-Dinitrotoluene	14.81	165	28242	3.259	ng	#	84
58) Fluorene	15.50	166	146760	4.731	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	31043m	3.992	ng		
60) Diethylphthalate	15.27	149	132115	4.297	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	74335	4.664	ng		99
62) 4-Nitroaniline	15.51	138	25498	3.194	ng		96
63) Azobenzene	15.79	77	118653	4.274	ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	12443	3.117	ng		98
66) n-Nitrosodiphenylamine	15.71	169	118565	4.554	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	41018	4.327	ng		97
68) Hexachlorobenzene	16.50	284	49648	4.491	ng		98
69) Atrazine	16.66	200	32297	3.816	ng		99
70) Pentachlorophenol	16.84	266	18539	3.145	ng		95
71) Phenanthrene	17.23	178	231664	4.817	ng		100
72) Anthracene	17.33	178	208777	4.480	ng		99
73) Carbazole	17.59	167	189354	4.366	ng		99
74) Di-n-butylphthalate	18.16	149	167432	3.405	ng		99
75) Fluoranthene	19.25	202	236533	4.359	ng		99
77) Benzidine	19.43	184	77768	3.582	ng		100
78) Pyrene	19.61	202	251286	4.845	ng		99
80) Butylbenzylphthalate	20.51	149	61743	3.133	ng		93
81) Benzo(a)anthracene	21.35	228	235185	4.585	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	71001	3.904	ng		98
83) Chrysene	21.40	228	238819	4.803	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	88511	3.031	ng		99
85) Di-n-octyl phthalate	22.18	149	134701	2.894	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.94	276	254108	4.282	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	232501	4.634	ng		99
89) Benzo(k)fluoranthene	23.00	252	223178	4.483	ng		99
90) Benzo(a)pyrene	23.54	252	206194	4.460	ng		98
91) Dibenzo(a,h)anthracene	25.96	278	217346	4.494	ng		99
92) Benzo(g,h,i)perylene	26.64	276	209333	4.557	ng		99

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

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