Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022735.D
Acq On : 20 Sep 2019 20:55
Operator : HP/JU
Sample : K3591-02
Misc : LOQ-S-10PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:54 AM

Quant Time: Sep 21 02:28:24 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	7.83	152	212460	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	839763	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	469989	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	933885	20.00	ng		0.00
76) Chrysene-d12	21.37	240	929239	20.00	ng		-0.01
87) Perylene-d12	23.64	264	1001891	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1540621	115.00	ng		0.00
7) Phenol-d6	6.99	99	1955581	113.66	ng		0.00
23) Nitrobenzene-d5	8.97	82	1163372	76.90	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	687227	117.13	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2642427	77.42	ng		0.00
79) Terphenyl-d14	19.82	244	3771366	78.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	56836	10.544	ng	#	100
3) Pyridine	3.73	79	124987	8.797	ng		98
4) n-Nitrosodimethylamine	3.63	42	48550	9.386	ng	#	92
6) Aniline	7.15	93	199795	9.684	ng		99
8) 2-Chlorophenol	7.39	128	136478	9.999	ng		96
9) Benzaldehyde	6.96	77	115140	11.752	ng		98
10) Phenol	7.02	94	161728	9.984	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	123188	9.679	ng		99
12) 1,3-Dichlorobenzene	7.72	146	152716	9.362	ng		98
13) 1,4-Dichlorobenzene	7.86	146	156812	9.495	ng		99
14) 1,2-Dichlorobenzene	8.17	146	147756	9.384	ng		99
15) Benzyl Alcohol	8.06	79	102021	9.476	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	179196	9.693	ng		100
17) 2-Methylphenol	8.26	107	101103	9.430	ng		99
18) Hexachloroethane	8.91	117	56280	9.291	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	90947	9.466	ng		98
20) 3+4-Methylphenols	8.59	107	133310	9.335	ng		98
22) Acetophenone	8.65	105	192455	9.284	ng	#	100
24) Nitrobenzene	9.02	77	146952	10.153	ng		99
25) Isophorone	9.55	82	231950	9.325	ng		98
26) 2-Nitrophenol	9.73	139	50697	8.113	ng		97
27) 2,4-Dimethylphenol	9.79	122	104389	9.979	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	161047	9.356	ng		99
29) 2,4-Dichlorophenol	10.26	162	106109	8.972	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	134159	9.220	ng		97
31) Naphthalene	10.67	128	407211	9.814	ng		100
32) Benzoic acid	9.86	122	35565m	5.282	ng		
33) 4-Chloroaniline	10.77	127	166975	9.268	ng		99
34) Hexachlorobutadiene	10.96	225	76792	8.853	ng		99
35) Caprolactam	11.55	113	28130m	8.023	ng		
36) 4-Chloro-3-methylphenol	11.89	107	104296	9.039	ng		98
37) 2-Methylnaphthalene	12.28	142	278444	9.641	ng		99
38) 1-Methylnaphthalene	12.50	142	260993	9.520	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	139329	8.749	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	81455	9.375	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	76316	8.303	ng		97
44) 2,4,5-Trichlorophenol	12.96	196	86490	9.030	ng		99
46) 1,1'-Biphenyl	13.29	154	352236	9.055	ng		99
47) 2-Chloronaphthalene	13.33	162	277099	9.558	ng		99
48) 2-Nitroaniline	13.53	65	59968	7.943	ng		94
49) Acenaphthylene	14.18	152	411708	9.590	ng		100
50) Dimethylphthalate	13.91	163	313378	9.227	ng		100
51) 2,6-Dinitrotoluene	14.02	165	63037	8.873	ng		95
52) Acenaphthene	14.52	154	266309	9.481	ng		99
53) 3-Nitroaniline	14.35	138	64276	7.859	ng	#	93
54) 2,4-Dinitrophenol	14.56	184	20986	6.256	ng		100
55) Dibenzofuran	14.86	168	408318	9.958	ng		98
56) 4-Nitrophenol	14.65	139	51453	8.185	ng		99
57) 2,4-Dinitrotoluene	14.81	165	74838	8.041	ng		94
58) Fluorene	15.50	166	321866	9.659	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	70500	8.440	ng		98
60) Diethylphthalate	15.27	149	294630	8.921	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	159872	9.338	ng		99
62) 4-Nitroaniline	15.51	138	70941	8.273	ng		99
63) Azobenzene	15.79	77	281155	9.427	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	31878	7.289	ng		96
66) n-Nitrosodiphenylamine	15.71	169	269846	9.458	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	90949	8.756	ng		97
68) Hexachlorobenzene	16.51	284	108028	8.918	ng		97
69) Atrazine	16.66	200	76631	8.262	ng		100
70) Pentachlorophenol	16.84	266	49039	7.591	ng		99
71) Phenanthrene	17.24	178	499982	9.488	ng		99
72) Anthracene	17.33	178	478373	9.367	ng		100
73) Carbazole	17.59	167	443303	9.328	ng		99
74) Di-n-butylphthalate	18.16	149	415314	7.707	ng		100
75) Fluoranthene	19.25	202	541974	9.115	ng		99
77) Benzidine	19.43	184	226764	8.895	ng		100
78) Pyrene	19.61	202	575736	9.454	ng		100
80) Butylbenzylphthalate	20.52	149	169768	7.335	ng		99
81) Benzo(a)anthracene	21.36	228	560107	9.300	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	189546	8.875	ng		99
83) Chrysene	21.41	228	562486	9.634	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	251641	7.338	ng		98
85) Di-n-octyl phthalate	22.18	149	385059	7.045	ng		98
86) Indeno(1,2,3-cd)pyrene	25.95	276	639184	9.172	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	561751	9.260	ng		99
89) Benzo(k)fluoranthene	23.00	252	555202	9.224	ng		100
90) Benzo(a)pyrene	23.54	252	521637	9.332	ng		99
91) Dibenzo(a,h)anthracene	25.96	278	542742	9.283	ng		99
92) Benzo(g,h,i)perylene	26.65	276	523930	9.434	ng		100

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

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