Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020311.D
Acq On : 13 May 2019 12:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:36 PM

Quant Time: May 14 03:55:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	36115	20.00	ng		-0.03
21) Naphthalene-d8	10.55	136	144411	20.00	ng		-0.04
39) Acenaphthene-d10	14.41	164	94385	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	242148	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	286619	20.00	ng		-0.02
87) Perylene-d12	23.64	264	308784	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	205583	93.05	ng		-0.02
7) Phenol-d6	6.93	99	277261	91.86	ng		-0.02
23) Nitrobenzene-d5	8.93	82	309168	84.52	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	147576	100.73	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	653833	85.23	ng		-0.04
79) Terphenyl-d14	19.79	244	1399130	85.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	47818	44.128	ng		92
3) Pyridine	3.69	79	139939	50.495	ng		94
4) n-Nitrosodimethylamine	3.60	42	37521	42.221	ng	#	59
6) Aniline	7.10	93	175907	46.296	ng		95
8) 2-Chlorophenol	7.32	128	110568	45.960	ng		97
9) Benzaldehyde	6.92	77	92045	40.291	ng		94
10) Phenol	6.96	94	146967	45.229	ng		90
11) bis(2-Chloroethyl)ether	7.19	93	111578	47.244	ng		95
12) 1,3-Dichlorobenzene	7.65	146	125863	44.966	ng		94
13) 1,4-Dichlorobenzene	7.80	146	127017	44.921	ng		97
14) 1,2-Dichlorobenzene	8.11	146	121972	45.277	ng		97
15) Benzyl Alcohol	8.00	79	116333	39.970	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	84023	42.905	ng		97
17) 2-Methylphenol	8.20	107	92802	44.366	ng		95
18) Hexachloroethane	8.83	117	50843	43.124	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	108776	42.122	ng	#	95
20) 3+4-Methylphenols	8.53	107	124113	44.645	ng		94
22) Acetophenone	8.59	105	171271	43.395	ng	#	95
24) Nitrobenzene	8.97	77	157786	41.604	ng		95
25) Isophorone	9.49	82	280779	44.513	ng		99
26) 2-Nitrophenol	9.67	139	59464	51.935	ng		92
27) 2,4-Dimethylphenol	9.73	122	82925	43.503	ng		96
28) bis(2-Chloroethoxy)methane	9.97	93	154101	44.856	ng		100
29) 2,4-Dichlorophenol	10.20	162	108039	44.948	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	127967	43.267	ng		98
31) Naphthalene	10.60	128	331950	44.295	ng		99
32) Benzoic acid	9.86	122	59894	44.690	ng	#	86
33) 4-Chloroaniline	10.73	127	131741	42.711	ng		96
34) Hexachlorobutadiene	10.87	225	87769	41.950	ng		98
35) Caprolactam	11.53	113	38533m	53.613	ng		
36) 4-Chloro-3-methylphenol	11.85	107	125234	44.336	ng		93
37) 2-Methylnaphthalene	12.22	142	243487	44.567	ng		97
38) 1-Methylnaphthalene	12.44	142	242056	45.308	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	155072	41.994	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	96593	44.425	ng		97
43) 2,4,6-Trichlorophenol	12.83	196	98837	47.095	ng		96
44) 2,4,5-Trichlorophenol	12.91	196	105586	45.036	ng		95
46) 1,1'-Biphenyl	13.24	154	337353	43.424	ng		99
47) 2-Chloronaphthalene	13.28	162	271234	43.728	ng		97
48) 2-Nitroaniline	13.50	65	90349	40.914	ng		92
49) Acenaphthylene	14.13	152	434146	43.734	ng		99
50) Dimethylphthalate	13.87	163	354225	44.157	ng		99
51) 2,6-Dinitrotoluene	14.00	165	78544	46.487	ng		83
52) Acenaphthene	14.47	154	251209	44.129	ng		99
53) 3-Nitroaniline	14.33	138	70932	45.233	ng		97
54) 2,4-Dinitrophenol	14.54	184	36745	47.291	ng		94
55) Dibenzofuran	14.81	168	425706	44.335	ng		96
56) 4-Nitrophenol	14.64	139	54974	41.088	ng		86
57) 2,4-Dinitrotoluene	14.79	165	108195	47.126	ng	#	92
58) Fluorene	15.46	166	352976	44.760	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.03	232	106013	47.583	ng	#	97
60) Diethylphthalate	15.23	149	362706	44.878	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	197922	44.296	ng		96
62) 4-Nitroaniline	15.50	138	74873m	43.264	ng		
63) Azobenzene	15.74	77	385409	40.422	ng		97
65) 4,6-Dinitro-2-methylphenol	15.54	198	60704	49.434	ng		98
66) n-Nitrosodiphenylamine	15.67	169	307762	43.193	ng		98
67) 4-Bromophenyl-phenylether	16.35	248	128708	43.345	ng		95
68) Hexachlorobenzene	16.45	284	148161	43.360	ng		98
69) Atrazine	16.63	200	120542	43.290	ng		99
70) Pentachlorophenol	16.80	266	92743	47.438	ng		98
71) Phenanthrene	17.20	178	593018	44.365	ng		100
72) Anthracene	17.29	178	580463	43.434	ng		99
73) Carbazole	17.57	167	540426	44.816	ng		98
74) Di-n-butylphthalate	18.12	149	664882	45.815	ng		98
75) Fluoranthene	19.22	202	787979	46.592	ng		99
77) Benzidine	19.42	184	274768	29.985	ng		99
78) Pyrene	19.59	202	815576	42.382	ng		99
80) Butylbenzylphthalate	20.49	149	340340	48.635	ng		97
81) Benzo(a)anthracene	21.33	228	885702	44.064	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	331322	43.187	ng		99
83) Chrysene	21.39	228	863251	44.283	ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	515965	47.516	ng		100
85) Di-n-octyl phthalate	22.14	149	892235	49.437	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	941791	40.616	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	888985	43.598	ng		99
89) Benzo(k)fluoranthene	22.99	252	847034	45.540	ng		99
90) Benzo(a)pyrene	23.54	252	821851	44.374	ng		100
91) Dibenzo(a,h)anthracene	25.97	278	793494	41.197	ng		99
92) Benzo(g,h,i)perylene	26.67	276	752591	41.155	ng		99

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

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