Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020246.D
Acq On : 10 May 2019 17:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:18 AM

Quant Time: May 11 02:10:51 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	7.78	152	88645	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	397372	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	265503	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	667179	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	734119	20.00	ng		0.00
87) Perylene-d12	23.65	264	745266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	416294	76.76	ng		-0.02
7) Phenol-d6	6.95	99	620441	83.75	ng		0.00
23) Nitrobenzene-d5	8.95	82	747159	74.23	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	355860	86.35	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1629110	75.49	ng		-0.02
79) Terphenyl-d14	19.80	244	3193253	75.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	91956	34.573	ng		92
3) Pyridine	3.69	79	290886	42.762	ng		95
4) n-Nitrosodimethylamine	3.61	42	83019	38.059	ng	#	67
6) Aniline	7.11	93	402631	43.172	ng		98
8) 2-Chlorophenol	7.34	128	243401	41.220	ng		97
9) Benzaldehyde	6.93	77	211227	37.669	ng		94
10) Phenol	6.97	94	335677	42.088	ng		91
11) bis(2-Chloroethyl)ether	7.21	93	249233	42.994	ng		99
12) 1,3-Dichlorobenzene	7.66	146	264472	38.495	ng		95
13) 1,4-Dichlorobenzene	7.81	146	266231	38.360	ng		96
14) 1,2-Dichlorobenzene	8.12	146	257000	38.868	ng		98
15) Benzyl Alcohol	8.02	79	289276	40.493	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	197662	41.122	ng		99
17) 2-Methylphenol	8.22	107	220670	42.980	ng		96
18) Hexachloroethane	8.84	117	108678	37.555	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	273044	43.077	ng		96
20) 3+4-Methylphenols	8.55	107	302465	44.326	ng		95
22) Acetophenone	8.60	105	409293	37.687	ng	#	96
24) Nitrobenzene	8.99	77	379501	36.365	ng		95
25) Isophorone	9.50	82	699064	40.275	ng		99
26) 2-Nitrophenol	9.69	139	152303	48.341	ng		91
27) 2,4-Dimethylphenol	9.74	122	206625	39.393	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	378812	40.072	ng		100
29) 2,4-Dichlorophenol	10.22	162	268660	40.619	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	299060	36.747	ng		96
31) Naphthalene	10.62	128	799212	38.757	ng		99
32) Benzoic acid	9.91	122	163019m	44.276	ng		
33) 4-Chloroaniline	10.74	127	342282	40.328	ng		96
34) Hexachlorobutadiene	10.88	225	199034	34.572	ng		95
35) Caprolactam	11.56	113	98167m	49.637	ng		
36) 4-Chloro-3-methylphenol	11.86	107	319369	41.089	ng		97
37) 2-Methylnaphthalene	12.23	142	607563	40.414	ng		96
38) 1-Methylnaphthalene	12.46	142	595931	40.538	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	377640	36.355	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	210424	34.404	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	242781	41.125	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	263724	39.988	ng		98
46) 1,1'-Biphenyl	13.25	154	827919	37.885	ng		99
47) 2-Chloronaphthalene	13.30	162	664315	38.073	ng		98
48) 2-Nitroaniline	13.51	65	246375	39.662	ng		92
49) Acenaphthylene	14.15	152	1087870	38.958	ng		99
50) Dimethylphthalate	13.89	163	858251	38.033	ng		99
51) 2,6-Dinitrotoluene	14.01	165	195686	41.173	ng		90
52) Acenaphthene	14.49	154	624631	39.007	ng		98
53) 3-Nitroaniline	14.35	138	183025	41.491	ng		97
54) 2,4-Dinitrophenol	14.55	184	108681	49.289	ng		90
55) Dibenzofuran	14.82	168	1054604	39.044	ng		96
56) 4-Nitrophenol	14.65	139	156536	41.592	ng	#	81
57) 2,4-Dinitrotoluene	14.80	165	276833	42.865	ng		93
58) Fluorene	15.47	166	881791	39.751	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	255489	40.766	ng		97
60) Diethylphthalate	15.25	149	857099	37.700	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	486687	38.721	ng		94
62) 4-Nitroaniline	15.51	138	203141m	41.729	ng		
63) Azobenzene	15.76	77	973081	36.281	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	156216	46.644	ng		91
66) n-Nitrosodiphenylamine	15.69	169	758832	38.653	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	307705	37.611	ng		98
68) Hexachlorobenzene	16.46	284	357278	37.949	ng		97
69) Atrazine	16.63	200	289585	37.745	ng		99
70) Pentachlorophenol	16.82	266	228230	42.369	ng		97
71) Phenanthrene	17.21	178	1421989	38.611	ng		99
72) Anthracene	17.30	178	1422814	38.640	ng		99
73) Carbazole	17.58	167	1293925	38.944	ng		99
74) Di-n-butylphthalate	18.13	149	1529144	38.243	ng		98
75) Fluoranthene	19.23	202	1837128	39.425	ng		99
77) Benzidine	19.43	184	779715	33.221	ng		99
78) Pyrene	19.60	202	1887988	38.305	ng		100
80) Butylbenzylphthalate	20.49	149	742410	41.421	ng		98
81) Benzo(a)anthracene	21.35	228	2000074	38.849	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	764672	38.915	ng		99
83) Chrysene	21.40	228	1907399	38.201	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1082315	38.914	ng		98
85) Di-n-octyl phthalate	22.15	149	1871775	40.491	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1756895	29.582	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1916367	38.940	ng		100
89) Benzo(k)fluoranthene	23.00	252	1797686	40.045	ng		99
90) Benzo(a)pyrene	23.55	252	1712221	38.303	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1495961	32.180	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1354501	30.689	ng		99

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

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