Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
Data File : BM020064.D
Acq On : 24 Apr 2019 14:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2019 5:37:51 PM

Quant Time: Apr 25 02:29:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	82285	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	339314	20.00	ng		-0.03
39) Acenaphthene-d10	14.15	164	191756	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	412750	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	412850	20.00	ng		-0.02
87) Perylene-d12	23.33	264	468943	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	391944	77.20	ng		-0.03
7) Phenol-d6	6.68	99	549245	71.88	ng		-0.03
23) Nitrobenzene-d5	8.66	82	614134	80.94	ng		-0.03
42) 2,4,6-Tribromophenol	15.67	330	225568	73.08	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1242719	80.76	ng		-0.03
79) Terphenyl-d14	19.57	244	1908354	81.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	100179	45.723	ng		99
3) Pyridine	3.48	79	248572	40.510	ng		99
4) n-Nitrosodimethylamine	3.41	42	83759	42.374	ng		93
6) Aniline	6.84	93	350218	35.485	ng		100
8) 2-Chlorophenol	7.05	128	233200	36.928	ng		98
9) Benzaldehyde	6.67	77	163747	35.298	ng		98
10) Phenol	6.71	94	297423	35.626	ng		93
11) bis(2-Chloroethyl)ether	6.94	93	213238	34.909	ng		99
12) 1,3-Dichlorobenzene	7.37	146	262826	39.645	ng		97
13) 1,4-Dichlorobenzene	7.52	146	266675	39.646	ng		99
14) 1,2-Dichlorobenzene	7.83	146	255383	38.292	ng		98
15) Benzyl Alcohol	7.76	79	235213	33.860	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	187727	32.239	ng		98
17) 2-Methylphenol	7.95	107	191370	34.634	ng		97
18) Hexachloroethane	8.53	117	104410	39.933	ng		95
19) n-Nitroso-di-n-propylamine	8.30	70	218148	32.477	ng		97
20) 3+4-Methylphenols	8.28	107	245303	32.318	ng		98
22) Acetophenone	8.32	105	356153	38.537	ng	#	98
24) Nitrobenzene	8.70	77	320234	40.743	ng		97
25) Isophorone	9.22	82	529211	35.831	ng		99
26) 2-Nitrophenol	9.41	139	122244	36.497	ng		95
27) 2,4-Dimethylphenol	9.47	122	172401	36.403	ng		96
28) bis(2-Chloroethoxy)methane	9.70	93	299367	36.197	ng		98
29) 2,4-Dichlorophenol	9.95	162	202220	37.597	ng		98
30) 1,2,4-Trichlorobenzene	10.13	180	240607	41.562	ng		99
31) Naphthalene	10.31	128	716826	39.386	ng		99
32) Benzoic acid	9.66	122	117254m	28.578	ng		
33) 4-Chloroaniline	10.47	127	261610	34.892	ng		99
34) Hexachlorobutadiene	10.56	225	154547	45.265	ng		97
35) Caprolactam	11.28	113	61367m	30.142	ng		
36) 4-Chloro-3-methylphenol	11.59	107	232762	34.828	ng		97
37) 2-Methylnaphthalene	11.93	142	495071	37.364	ng		98
38) 1-Methylnaphthalene	12.16	142	486336	37.174	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	253185	42.800	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	53164	33.347	ng		95
43) 2,4,6-Trichlorophenol	12.58	196	156553	39.035	ng		99
44) 2,4,5-Trichlorophenol	12.67	196	151382	36.266	ng		98
46) 1,1'-Biphenyl	12.97	154	657732	39.602	ng		98
47) 2-Chloronaphthalene	13.02	162	503670	39.757	ng		99
48) 2-Nitroaniline	13.27	65	163215	35.743	ng		99
49) Acenaphthylene	13.87	152	845705	38.367	ng		99
50) Dimethylphthalate	13.63	163	647536	38.284	ng		99
51) 2,6-Dinitrotoluene	13.77	165	140552	37.579	ng	#	83
52) Acenaphthene	14.22	154	474265	38.805	ng		97
53) 3-Nitroaniline	14.12	138	125981	33.733	ng		98
54) 2,4-Dinitrophenol	14.36	184	51174	28.249	ng		96
55) Dibenzofuran	14.56	168	770213	38.539	ng		98
56) 4-Nitrophenol	14.46	139	68581	27.427	ng		88
57) 2,4-Dinitrotoluene	14.58	165	191277	35.578	ng		94
58) Fluorene	15.22	166	631446	37.287	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	144251	37.874	ng		99
60) Diethylphthalate	15.00	149	658842	37.453	ng		100
61) 4-Chlorophenyl-phenylether	15.21	204	313056	38.395	ng		95
62) 4-Nitroaniline	15.30	138	114282	31.058	ng		88
63) Azobenzene	15.51	77	741770	39.452	ng		99
65) 4,6-Dinitro-2-methylphenol	15.36	198	84187	31.968	ng		98
66) n-Nitrosodiphenylamine	15.44	169	519381	38.490	ng		100
67) 4-Bromophenyl-phenylether	16.11	248	186991	39.405	ng		100
68) Hexachlorobenzene	16.22	284	223577	39.265	ng		99
69) Atrazine	16.40	200	169216	36.940	ng		99
70) Pentachlorophenol	16.59	266	96009m	33.001	ng		
71) Phenanthrene	16.96	178	941078	38.421	ng		99
72) Anthracene	17.06	178	919600	37.717	ng		99
73) Carbazole	17.35	167	824180	36.205	ng		100
74) Di-n-butylphthalate	17.89	149	1081999	36.193	ng		99
75) Fluoranthene	19.00	202	1088244	38.607	ng		98
77) Benzidine	19.22	184	388074	34.068	ng		99
78) Pyrene	19.37	202	1130756	41.359	ng		99
80) Butylbenzylphthalate	20.27	149	495222	37.361	ng		98
81) Benzo(a)anthracene	21.13	228	1111923	42.516	ng		99
82) 3,3'-Dichlorobenzidine	21.08	252	410795	42.218	ng		99
83) Chrysene	21.19	228	1077810	42.973	ng		100
84) Bis(2-ethylhexyl)phthalate	21.04	149	728839	36.934	ng		100
85) Di-n-octyl phthalate	21.91	149	1267740	39.593	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1472225	59.670	ng		98
88) Benzo(b)fluoranthene	22.67	252	1188385	38.165	ng		99
89) Benzo(k)fluoranthene	22.72	252	1109683	37.854	ng		99
90) Benzo(a)pyrene	23.23	252	1088148	39.439	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	1204996	45.299	ng		100
92) Benzo(g,h,i)perylene	26.18	276	1088186	45.165	ng		97

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

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