Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020125.D
Acq On : 03 May 2019 23:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/7/2019 11:59:46 PM

Quant Time: May 04 06:52:15 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	7.79	152	176686	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	710422	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	442672	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	1074876	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1091417	20.00	ng		0.00
87) Perylene-d12	23.65	264	1218240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	902564	83.50	ng		0.00
7) Phenol-d6	6.95	99	1286904	87.15	ng		0.00
23) Nitrobenzene-d5	8.96	82	1502629	83.51	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	629270	91.58	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	3087945	85.83	ng		0.00
79) Terphenyl-d14	19.80	244	5502403	87.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	198684	37.478	ng		94
3) Pyridine	3.70	79	548863	40.481	ng		97
4) n-Nitrosodimethylamine	3.62	42	181751	41.804	ng		82
6) Aniline	7.12	93	812926	43.732	ng		99
8) 2-Chlorophenol	7.35	128	507709	43.137	ng		97
9) Benzaldehyde	6.94	77	459029	41.071	ng		96
10) Phenol	6.97	94	689141	43.350	ng		96
11) bis(2-Chloroethyl)ether	7.22	93	497375	43.047	ng		98
12) 1,3-Dichlorobenzene	7.67	146	586922	42.860	ng		97
13) 1,4-Dichlorobenzene	7.82	146	581149	42.011	ng		96
14) 1,2-Dichlorobenzene	8.14	146	561534	42.607	ng		98
15) Benzyl Alcohol	8.03	79	607975	42.697	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	388969	40.599	ng		99
17) 2-Methylphenol	8.22	107	437258	42.728	ng		98
18) Hexachloroethane	8.86	117	234038	40.575	ng		96
19) n-Nitroso-di-n-propylamine	8.60	70	523897	41.468	ng		97
20) 3+4-Methylphenols	8.55	107	596416	43.852	ng		97
22) Acetophenone	8.61	105	807927	41.612	ng	#	97
24) Nitrobenzene	9.00	77	759323	40.699	ng		97
25) Isophorone	9.52	82	1317722	42.465	ng		99
26) 2-Nitrophenol	9.70	139	281620	49.998	ng		96
27) 2,4-Dimethylphenol	9.75	122	395971	42.226	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	718300	42.501	ng		99
29) 2,4-Dichlorophenol	10.22	162	522588	44.195	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	619821	42.600	ng		97
31) Naphthalene	10.63	128	1566716	42.497	ng		99
32) Benzoic acid	9.90	122	302084	45.651	ng		95
33) 4-Chloroaniline	10.75	127	654693	43.146	ng		98
34) Hexachlorobutadiene	10.90	225	434842	42.248	ng		98
35) Caprolactam	11.55	113	165680m	46.859	ng		
36) 4-Chloro-3-methylphenol	11.86	107	604338	43.491	ng		96
37) 2-Methylnaphthalene	12.25	142	1143401	42.542	ng		98
38) 1-Methylnaphthalene	12.46	142	1126421	42.859	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	749728	43.289	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	227145	22.275	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	458075	46.539	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	506656	46.077	ng		100
46) 1,1'-Biphenyl	13.26	154	1558558	42.775	ng		98
47) 2-Chloronaphthalene	13.30	162	1239872	42.620	ng		98
48) 2-Nitroaniline	13.52	65	453685	43.805	ng		94
49) Acenaphthylene	14.16	152	1984545	42.625	ng		99
50) Dimethylphthalate	13.89	163	1577898	41.939	ng		99
51) 2,6-Dinitrotoluene	14.02	165	340627	42.985	ng		99
52) Acenaphthene	14.50	154	1155474	43.278	ng		99
53) 3-Nitroaniline	14.35	138	325630	44.275	ng		97
54) 2,4-Dinitrophenol	14.55	184	125694	36.785	ng		90
55) Dibenzofuran	14.83	168	1893942	42.055	ng		98
56) 4-Nitrophenol	14.65	139	284694	45.369	ng		94
57) 2,4-Dinitrotoluene	14.80	165	484726	45.017	ng		93
58) Fluorene	15.48	166	1597070	43.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	480220	45.957	ng		96
60) Diethylphthalate	15.26	149	1589953	41.945	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	897662	42.835	ng		96
62) 4-Nitroaniline	15.52	138	361730	44.567	ng		96
63) Azobenzene	15.77	77	1815633	40.602	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	193566	37.527	ng		96
66) n-Nitrosodiphenylamine	15.69	169	1362354	43.073	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	581881	44.146	ng		97
68) Hexachlorobenzene	16.47	284	644833	42.514	ng		96
69) Atrazine	16.64	200	529644	42.850	ng		95
70) Pentachlorophenol	16.82	266	414233	47.732	ng		99
71) Phenanthrene	17.22	178	2533890	42.706	ng		99
72) Anthracene	17.31	178	2545621	42.911	ng		99
73) Carbazole	17.59	167	2258810	42.198	ng		99
74) Di-n-butylphthalate	18.14	149	2769956	42.999	ng		98
75) Fluoranthene	19.23	202	3152281	41.990	ng		100
77) Benzidine	19.43	184	1548217	44.370	ng		98
78) Pyrene	19.60	202	3211128	43.822	ng		100
80) Butylbenzylphthalate	20.50	149	1246987	46.796	ng		98
81) Benzo(a)anthracene	21.34	228	3246479	42.415	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1310698	44.867	ng		99
83) Chrysene	21.40	228	3150512	42.442	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1869120	45.203	ng		99
85) Di-n-octyl phthalate	22.16	149	3125492	45.478	ng		98
86) Indeno(1,2,3-cd)pyrene	25.98	276	3830936	43.387	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	3263054	40.562	ng		100
89) Benzo(k)fluoranthene	23.00	252	3084324	42.031	ng		100
90) Benzo(a)pyrene	23.55	252	3080910	42.163	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	3227540	42.473	ng		99
92) Benzo(g,h,i)perylene	26.70	276	3055263	42.348	ng		99

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

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