Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018597.D
Acq On : 17 Jan 2019 00:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/17/2019 12:17:38 PM

Quant Time: Jan 17 02:33:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	439437	20.00	ng		-0.02
21) Naphthalene-d8	10.54	136	1807841	20.00	ng		-0.01
39) Acenaphthene-d10	14.40	164	1053218	20.00	ng		-0.01
64) Phenanthrene-d10	17.15	188	2413925	20.00	ng		-0.01
76) Chrysene-d12	21.34	240	2385318	20.00	ng		-0.01
87) Perylene-d12	23.62	264	1901966	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1863504	78.30	ng		-0.02
7) Phenol-d6	6.93	99	2503596	82.83	ng		0.00
23) Nitrobenzene-d5	8.92	82	2415842	77.47	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	1188648	88.64	ng		-0.01
45) 2-Fluorobiphenyl	13.02	172	6177950	76.54	ng		0.00
79) Terphenyl-d14	19.78	244	9728802	85.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	326428	33.654	ng		96
3) Pyridine	3.68	79	958050	39.617	ng		96
4) n-Nitrosodimethylamine	3.60	42	396433	39.644	ng	#	95
6) Aniline	7.09	93	1462728	43.381	ng		99
8) 2-Chlorophenol	7.32	128	1135737	40.862	ng		94
9) Benzaldehyde	6.90	77	660651	37.236	ng		97
10) Phenol	6.95	94	1249624	40.684	ng		99
11) bis(2-Chloroethyl)ether	7.18	93	968752	40.139	ng		95
12) 1,3-Dichlorobenzene	7.63	146	1277295	38.588	ng		98
13) 1,4-Dichlorobenzene	7.78	146	1308953	39.016	ng		99
14) 1,2-Dichlorobenzene	8.10	146	1251394	39.337	ng		100
15) Benzyl Alcohol	8.00	79	966801	44.284	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1199375	38.887	ng		94
17) 2-Methylphenol	8.19	107	885994	42.495	ng		98
18) Hexachloroethane	8.81	117	461405	38.572	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	800518	40.696	ng		92
20) 3+4-Methylphenols	8.53	107	1241416	43.131	ng		97
22) Acetophenone	8.58	105	1719184	38.442	ng	#	97
24) Nitrobenzene	8.96	77	1181265	38.498	ng		95
25) Isophorone	9.48	82	1923917	40.741	ng		97
26) 2-Nitrophenol	9.66	139	685770	46.221	ng		95
27) 2,4-Dimethylphenol	9.72	122	906607	40.767	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	1280116	39.240	ng		98
29) 2,4-Dichlorophenol	10.19	162	1150251	43.437	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	1282472	39.018	ng		99
31) Naphthalene	10.59	128	3382115	38.845	ng		99
32) Benzoic acid	9.90	122	782789m	51.699	ng		
33) 4-Chloroaniline	10.71	127	1518271	44.279	ng		98
34) Hexachlorobutadiene	10.86	225	821167	39.546	ng		98
35) Caprolactam	11.55	113	398152m	44.223	ng		
36) 4-Chloro-3-methylphenol	11.84	107	1183072	42.584	ng		99
37) 2-Methylnaphthalene	12.20	142	2424599	39.415	ng		100
38) 1-Methylnaphthalene	12.43	142	2355078	39.567	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	1458768	39.608	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	431361	21.340	ng		99
43) 2,4,6-Trichlorophenol	12.82	196	976089	43.642	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	1034206	43.967	ng		97
46) 1,1'-Biphenyl	13.23	154	3495266	38.008	ng		99
47) 2-Chloronaphthalene	13.27	162	2756603	38.655	ng		99
48) 2-Nitroaniline	13.49	65	737769	42.051	ng		92
49) Acenaphthylene	14.12	152	4091838	39.373	ng		99
50) Dimethylphthalate	13.86	163	3326809	38.461	ng		99
51) 2,6-Dinitrotoluene	13.99	165	761416	41.557	ng		88
52) Acenaphthene	14.46	154	2452500	38.569	ng		98
53) 3-Nitroaniline	14.32	138	809176	43.806	ng		98
54) 2,4-Dinitrophenol	14.53	184	262882	31.319	ng	#	90
55) Dibenzofuran	14.80	168	4032185	38.378	ng		99
56) 4-Nitrophenol	14.63	139	643489	40.324	ng		95
57) 2,4-Dinitrotoluene	14.77	165	1053093	40.622	ng		99
58) Fluorene	15.45	166	3068658	39.208	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	881081	42.259	ng		97
60) Diethylphthalate	15.23	149	3463033	39.659	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1759714	39.011	ng		96
62) 4-Nitroaniline	15.49	138	805208	39.964	ng		97
63) Azobenzene	15.74	77	2822266	39.642	ng		95
65) 4,6-Dinitro-2-methylphenol	15.54	198	469117	32.457	ng		85
66) n-Nitrosodiphenylamine	15.66	169	2964476	39.590	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	1093271	40.472	ng		98
68) Hexachlorobenzene	16.45	284	1205358	39.858	ng		96
69) Atrazine	16.62	200	1105851	40.852	ng		99
70) Pentachlorophenol	16.79	266	781702	39.469	ng		98
71) Phenanthrene	17.19	178	4915693	38.285	ng		100
72) Anthracene	17.28	178	4910712	39.773	ng		99
73) Carbazole	17.56	167	5030244	39.655	ng		100
74) Di-n-butylphthalate	18.11	149	6022619	43.345	ng		99
75) Fluoranthene	19.21	202	5850425	39.522	ng		98
77) Benzidine	19.40	184	2399504	40.741	ng		100
78) Pyrene	19.57	202	6077185	42.982	ng		99
80) Butylbenzylphthalate	20.47	149	2872259	47.607	ng		95
81) Benzo(a)anthracene	21.32	228	5525588	39.322	ng		99
82) 3,3'-Dichlorobenzidine	21.26	252	2204878	41.493	ng		99
83) Chrysene	21.37	228	5213180	38.418	ng		100
84) Bis(2-ethylhexyl)phthalate	21.24	149	4105832	47.128	ng		99
85) Di-n-octyl phthalate	22.13	149	6769262	46.197	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.93	276	4238310	27.087	ng		96
88) Benzo(b)fluoranthene	22.93	252	4517348	41.836	ng		98
89) Benzo(k)fluoranthene	22.97	252	4386951	40.314	ng		98
90) Benzo(a)pyrene	23.52	252	4034070	39.024	ng		98
91) Dibenzo(a,h)anthracene	25.94	278	3602337	34.392	ng		99
92) Benzo(g,h,i)perylene	26.64	276	3467693	34.021	ng		97

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

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