Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020106.D
Acq On : 02 May 2019 18:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/3/2019 4:34:57 PM

Quant Time: May 02 18:38:56 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	168715	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	679830	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	442613	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	1091041	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1160959	20.00	ng		0.00
87) Perylene-d12	23.66	264	1289402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	835133	80.91	ng		0.00
7) Phenol-d6	6.95	99	1190868	84.45	ng		0.00
23) Nitrobenzene-d5	8.96	82	1431707	83.14	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	618164	89.98	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2994926	83.25	ng		0.00
79) Terphenyl-d14	19.81	244	5718484	85.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	192207	37.969	ng		96
3) Pyridine	3.70	79	520800	40.226	ng		97
4) n-Nitrosodimethylamine	3.62	42	174249	41.972	ng		87
6) Aniline	7.13	93	741685	41.785	ng		99
8) 2-Chlorophenol	7.35	128	472015	41.999	ng		98
9) Benzaldehyde	6.94	77	391639	36.697	ng		98
10) Phenol	6.98	94	643840	42.414	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	461881	41.864	ng		98
12) 1,3-Dichlorobenzene	7.67	146	537888	41.135	ng		98
13) 1,4-Dichlorobenzene	7.83	146	538593	40.774	ng		95
14) 1,2-Dichlorobenzene	8.14	146	518829	41.227	ng		98
15) Benzyl Alcohol	8.03	79	576345	42.388	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	367403	40.160	ng		98
17) 2-Methylphenol	8.22	107	410334	41.992	ng		98
18) Hexachloroethane	8.86	117	221104	40.144	ng		95
19) n-Nitroso-di-n-propylamine	8.60	70	511097	42.366	ng		97
20) 3+4-Methylphenols	8.56	107	561033	43.199	ng		99
22) Acetophenone	8.62	105	777629	41.853	ng	#	97
24) Nitrobenzene	9.00	77	726478	40.690	ng		98
25) Isophorone	9.52	82	1276306	42.981	ng		99
26) 2-Nitrophenol	9.70	139	253828	47.092	ng		99
27) 2,4-Dimethylphenol	9.75	122	375603	41.856	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	691633	42.765	ng		98
29) 2,4-Dichlorophenol	10.23	162	493061	43.574	ng		99
30) 1,2,4-Trichlorobenzene	10.45	180	585434	42.047	ng		98
31) Naphthalene	10.63	128	1466750	41.576	ng		99
32) Benzoic acid	9.90	122	264642	42.351	ng		94
33) 4-Chloroaniline	10.75	127	614212	42.300	ng		99
34) Hexachlorobutadiene	10.90	225	411633	41.793	ng		98
35) Caprolactam	11.55	113	157418m	46.525	ng		
36) 4-Chloro-3-methylphenol	11.86	107	579115	43.551	ng		96
37) 2-Methylnaphthalene	12.25	142	1108273	43.091	ng		98
38) 1-Methylnaphthalene	12.47	142	1075106	42.747	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	729714	42.139	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	422661	41.453	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	434062	44.105	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	479227	43.588	ng		97
46) 1,1'-Biphenyl	13.27	154	1512746	41.523	ng		98
47) 2-Chloronaphthalene	13.30	162	1201249	41.298	ng		99
48) 2-Nitroaniline	13.52	65	443935	42.869	ng		97
49) Acenaphthylene	14.16	152	1928083	41.418	ng		99
50) Dimethylphthalate	13.90	163	1582668	42.071	ng		98
51) 2,6-Dinitrotoluene	14.02	165	340424	42.965	ng		94
52) Acenaphthene	14.50	154	1113065	41.695	ng		99
53) 3-Nitroaniline	14.35	138	316944	43.100	ng		99
54) 2,4-Dinitrophenol	14.55	184	183768	49.872	ng		95
55) Dibenzofuran	14.83	168	1869172	41.511	ng		99
56) 4-Nitrophenol	14.64	139	277441	44.219	ng		96
57) 2,4-Dinitrotoluene	14.80	165	478352	44.431	ng		97
58) Fluorene	15.48	166	1566609	42.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	466965	44.694	ng		96
60) Diethylphthalate	15.26	149	1594603	42.074	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	902978	43.095	ng		97
62) 4-Nitroaniline	15.52	138	357500	44.051	ng		98
63) Azobenzene	15.77	77	1816865	40.635	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	265114	48.136	ng		99
66) n-Nitrosodiphenylamine	15.70	169	1355846	42.232	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	570195	42.619	ng		95
68) Hexachlorobenzene	16.47	284	651001	42.284	ng		96
69) Atrazine	16.64	200	530814	42.308	ng		98
70) Pentachlorophenol	16.82	266	413708	46.965	ng		97
71) Phenanthrene	17.22	178	2538649	42.152	ng		99
72) Anthracene	17.31	178	2524927	41.931	ng		100
73) Carbazole	17.59	167	2286084	42.075	ng		99
74) Di-n-butylphthalate	18.14	149	2770123	42.365	ng		98
75) Fluoranthene	19.24	202	3225258	42.325	ng		100
77) Benzidine	19.43	184	1575135	42.437	ng		99
78) Pyrene	19.60	202	3277968	42.055	ng		99
80) Butylbenzylphthalate	20.50	149	1252019	44.171	ng		98
81) Benzo(a)anthracene	21.35	228	3455722	42.444	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1328367	42.748	ng		99
83) Chrysene	21.40	228	3285481	41.609	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1895688	43.099	ng		100
85) Di-n-octyl phthalate	22.17	149	3164767	43.291	ng		99
86) Indeno(1,2,3-cd)pyrene	25.99	276	3964226	42.207	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	3492581	41.019	ng		100
89) Benzo(k)fluoranthene	23.02	252	3281232	42.247	ng		99
90) Benzo(a)pyrene	23.56	252	3218473	41.615	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	3336463	41.483	ng		100
92) Benzo(g,h,i)perylene	26.70	276	3153142	41.293	ng		99

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

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