Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022409.D
Acq On : 29 Aug 2019 15:29
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:18 AM

Quant Time: Aug 29 16:38:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 14:11:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	23228	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	101959	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	73356	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	167696	20.00	ng		0.00
76) Chrysene-d12	21.17	240	188391	20.00	ng		0.00
87) Perylene-d12	23.36	264	146604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	264058	202.58	ng		0.00
7) Phenol-d6	6.73	99	367708	211.83	ng		0.01
23) Nitrobenzene-d5	8.71	82	467460	222.99	ng		0.01
42) 2,4,6-Tribromophenol	15.71	330	393479	331.40	ng		0.01
45) 2-Fluorobiphenyl	12.80	172	1517384	258.36	ng		0.00
79) Terphenyl-d14	19.61	244	3826512	295.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	54943	100.602	ng		98
3) Pyridine	3.53	79	152678	110.349	ng		99
4) n-Nitrosodimethylamine	3.46	42	102552	123.718	ng		98
6) Aniline	6.89	93	226801	97.590	ng		99
8) 2-Chlorophenol	7.10	128	155733	100.343	ng		99
10) Phenol	6.76	94	182167	99.128	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	134517	92.532	ng		96
12) 1,3-Dichlorobenzene	7.41	146	185841	98.242	ng		100
13) 1,4-Dichlorobenzene	7.56	146	186737	97.236	ng		98
14) 1,2-Dichlorobenzene	7.87	146	191876	102.585	ng		96
15) Benzyl Alcohol	7.80	79	165914	108.732	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.06	45	172587	85.687	ng		97
17) 2-Methylphenol	7.99	107	132710	101.248	ng		96
18) Hexachloroethane	8.57	117	84482	101.325	ng		93
19) n-Nitroso-di-n-propylamine	8.35	70	144519	105.697	ng		99
20) 3+4-Methylphenols	8.33	107	182363	103.019	ng		99
22) Acetophenone	8.37	105	294485	112.587	ng	#	98
24) Nitrobenzene	8.75	77	223573	104.167	ng		97
25) Isophorone	9.27	82	367825	98.869	ng		100
26) 2-Nitrophenol	9.45	139	95308	104.833	ng		98
27) 2,4-Dimethylphenol	9.50	122	136760	99.798	ng		94
28) bis(2-Chloroethoxy)methane	9.75	93	215775	98.038	ng		98
29) 2,4-Dichlorophenol	9.97	162	184312	111.457	ng		95
30) 1,2,4-Trichlorobenzene	10.16	180	232407	114.097	ng		99
31) Naphthalene	10.35	128	532868	100.627	ng		99
32) Benzoic acid	9.78	122	131034m	112.014	ng		
33) 4-Chloroaniline	10.50	127	233928	105.556	ng		98
34) Hexachlorobutadiene	10.60	225	223504	127.881	ng		98
35) Caprolactam	11.38	113	49238m	110.768	ng		
36) 4-Chloro-3-methylphenol	11.64	107	190568	109.025	ng		99
37) 2-Methylnaphthalene	11.97	142	420548	108.652	ng		99
38) 1-Methylnaphthalene	12.20	142	401552	108.612	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	367154	127.866	ng		99
41) Hexachlorocyclopentadiene	12.30	237	151236	113.169	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.61	196	205523	119.401 ng		99
44) 2,4,5-Trichlorophenol	12.69	196	196349	112.379 ng		98
46) 1,1'-Biphenyl	13.02	154	636369	110.308 ng		99
47) 2-Chloronaphthalene	13.06	162	498801	105.059 ng		98
48) 2-Nitroaniline	13.30	65	161442	107.576 ng		98
49) Acenaphthylene	13.92	152	762271	104.672 ng		99
50) Dimethylphthalate	13.67	163	665179	107.855 ng		99
51) 2,6-Dinitrotoluene	13.82	165	128282	105.326 ng		90
52) Acenaphthene	14.26	154	455545	107.264 ng		97
53) 3-Nitroaniline	14.16	138	127832	105.392 ng		90
54) 2,4-Dinitrophenol	14.38	184	79954	132.803 ng		99
55) Dibenzofuran	14.60	168	783007	110.954 ng		96
56) 4-Nitrophenol	14.48	139	84390	104.393 ng		98
57) 2,4-Dinitrotoluene	14.62	165	197497	112.952 ng	#	84
58) Fluorene	15.25	166	780649	131.218 ng		98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	227468	130.581 ng		98
60) Diethylphthalate	15.05	149	700311	107.680 ng		97
61) 4-Chlorophenyl-phenylether	15.25	204	539476	143.882 ng		96
62) 4-Nitroaniline	15.34	138	124944	111.297 ng		94
63) Azobenzene	15.54	77	662654	105.737 ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	118584	117.776 ng		98
66) n-Nitrosodiphenylamine	15.48	169	556537	103.502 ng		98
67) 4-Bromophenyl-phenylether	16.15	248	292473	117.695 ng		94
68) Hexachlorobenzene	16.25	284	345667	122.439 ng		92
69) Atrazine	16.45	200	216147	121.390 ng		97
70) Pentachlorophenol	16.62	266	157886	114.948 ng		96
71) Phenanthrene	17.00	178	1083786	111.445 ng		99
72) Anthracene	17.09	178	1072355	111.083 ng		98
73) Carbazole	17.39	167	866301	107.544 ng		99
74) Di-n-butylphthalate	17.93	149	1202509	98.389 ng		100
75) Fluoranthene	19.03	202	1441725	122.938 ng		99
77) Benzidine	19.24	184	245922	58.199 ng		99
78) Pyrene	19.40	202	1469698	110.833 ng		99
80) Butylbenzylphthalate	20.31	149	488044	82.286 ng		91
81) Benzo(a)anthracene	21.16	228	1416263	106.898 ng		99
82) 3,3'-Dichlorobenzidine	21.10	252	394637	85.430 ng		99
83) Chrysene	21.22	228	1352595	105.758 ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	669649	75.075 ng		97
85) Di-n-octyl phthalate	21.94	149	968360	67.073 ng		98
86) Indeno(1,2,3-cd)pyrene	25.56	276	1241541	86.662 ng		99
88) Benzo(b)fluoranthene	22.72	252	1106105	112.994 ng		99
89) Benzo(k)fluoranthene	22.76	252	1112863	116.301 ng		99
90) Benzo(a)pyrene	23.27	252	967941	108.575 ng		97
91) Dibenzo(a,h)anthracene	25.56	278	1049016	110.742 ng		97
92) Benzo(g,h,i)perylene	26.21	276	836610	101.021 ng		99

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

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