Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018758.D
Acq On : 11 Feb 2019 15:09
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/12/2019 12:11:44 PM

Quant Time: Feb 11 16:00:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	313989	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1263446	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	744649	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1719392	20.00	ng		0.00
76) Chrysene-d12	21.32	240	1961635	20.00	ng		0.00
87) Perylene-d12	23.57	264	2007312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2965433	174.39	ng		0.00
7) Phenol-d6	6.89	99	4363532	202.04	ng		0.00
23) Nitrobenzene-d5	8.89	82	4521772	207.47	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1911093	201.56	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	8915318	156.22	ng		0.00
79) Terphenyl-d14	19.75	244	13408905	144.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	623576	89.974	ng		99
3) Pyridine	3.65	79	1764818	102.136	ng		97
4) n-Nitrosodimethylamine	3.57	42	484453	67.802	ng		95
6) Aniline	7.06	93	2639374	109.553	ng		99
8) 2-Chlorophenol	7.28	128	1650365	83.100	ng		98
9) Benzaldehyde	6.88	77	907864	75.136	ng		99
10) Phenol	6.92	94	2267597	103.321	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	1717224	99.579	ng		99
12) 1,3-Dichlorobenzene	7.60	146	1790537	75.705	ng		98
13) 1,4-Dichlorobenzene	7.75	146	1831716	76.411	ng		99
14) 1,2-Dichlorobenzene	8.06	146	1761633	77.501	ng		99
15) Benzyl Alcohol	7.97	79	1786605	114.531	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1561789	70.868	ng		99
17) 2-Methylphenol	8.16	107	1437263	96.477	ng		98
18) Hexachloroethane	8.78	117	680538	79.621	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	1696199	120.680	ng		99
20) 3+4-Methylphenols	8.50	107	2029710	98.694	ng		98
22) Acetophenone	8.55	105	2861556	91.557	ng	#	99
24) Nitrobenzene	8.93	77	2302636	107.378	ng		98
25) Isophorone	9.45	82	3706277	112.302	ng		99
26) 2-Nitrophenol	9.63	139	1006179	97.037	ng		99
27) 2,4-Dimethylphenol	9.69	122	1375197	88.483	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	2295182	100.670	ng		99
29) 2,4-Dichlorophenol	10.16	162	1615258	87.279	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	1772759	77.174	ng		98
31) Naphthalene	10.56	128	4905138	80.613	ng		99
32) Benzoic acid	9.89	122	1264853m	133.547	ng		
33) 4-Chloroaniline	10.68	127	2326232	97.074	ng		100
34) Hexachlorobutadiene	10.82	225	1019879	70.278	ng		99
35) Caprolactam	11.53	113	679739m	108.030	ng		
36) 4-Chloro-3-methylphenol	11.81	107	1949601	100.412	ng		98
37) 2-Methylnaphthalene	12.17	142	3545470	82.470	ng		99
38) 1-Methylnaphthalene	12.39	142	3434870	82.574	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1948486	74.827	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1056858	73.950	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	1337306	84.570	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	1428789	85.913	ng	99
46) 1,1'-Biphenyl	13.20	154	5140286	79.058	ng	100
47) 2-Chloronaphthalene	13.24	162	4002795	79.390	ng	99
48) 2-Nitroaniline	13.46	65	1469548	118.470	ng	98
49) Acenaphthylene	14.09	152	6046212	82.287	ng	99
50) Dimethylphthalate	13.84	163	5050040	82.576	ng	99
51) 2,6-Dinitrotoluene	13.96	165	1163082	89.784	ng	98
52) Acenaphthene	14.43	154	3667076	81.567	ng	99
53) 3-Nitroaniline	14.30	138	1287636	98.594	ng	98
54) 2,4-Dinitrophenol	14.50	184	690967	117.194	ng	97
55) Dibenzofuran	14.77	168	5961696	80.257	ng	99
56) 4-Nitrophenol	14.60	139	1057723	93.749	ng	99
57) 2,4-Dinitrotoluene	14.75	165	1646841	89.850	ng	99
58) Fluorene	15.42	166	4694942	84.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	1215112	82.430	ng	97
60) Diethylphthalate	15.20	149	5253593	85.095	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	2660402	83.417	ng	94
62) 4-Nitroaniline	15.47	138	1292472	90.730	ng	98
63) Azobenzene	15.71	77	5670856	112.661	ng	98
65) 4,6-Dinitro-2-methylphenol	15.52	198	1070416	105.490	ng	93
66) n-Nitrosodiphenylamine	15.64	169	4435757	83.168	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	1618747	84.130	ng	98
68) Hexachlorobenzene	16.42	284	1848737	85.828	ng	96
70) Pentachlorophenol	16.76	266	1221675	86.600	ng	100
71) Phenanthrene	17.16	178	7453550	81.501	ng	99
72) Anthracene	17.25	178	7421638	84.391	ng	99
73) Carbazole	17.53	167	7714325	85.381	ng	99
74) Di-n-butylphthalate	18.09	149	9042471	91.367	ng	99
75) Fluoranthene	19.18	202	8734296	82.837	ng	97
77) Benzidine	19.38	184	2871720	59.289	ng	100
78) Pyrene	19.55	202	9134165	78.556	ng	98
80) Butylbenzylphthalate	20.44	149	4515832	91.016	ng	98
81) Benzo(a)anthracene	21.30	228	9140682	79.097	ng	98
82) 3,3'-Dichlorobenzidine	21.24	252	3594538	82.256	ng	100
83) Chrysene	21.35	228	8713134	78.079	ng	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	6471959	90.332	ng	98
85) Di-n-octyl phthalate	22.10	149	10755827	89.258	ng	100
86) Indeno(1,2,3-cd)pyrene	25.89	276	10385368	80.707	ng	100
88) Benzo(b)fluoranthene	22.90	252	9320953	81.792	ng	99
89) Benzo(k)fluoranthene	22.94	252	9463940	82.405	ng	99
90) Benzo(a)pyrene	23.48	252	9044660	82.902	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	8916325	80.658	ng	99
92) Benzo(g,h,i)perylene	26.59	276	8118430	75.468	ng	100

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

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