Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112714.D
Acq On : 27 Feb 2019 12:11
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
2/28/2019 12:46:51 PM

Quant Time: Feb 27 16:00:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 15:34:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	216199	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	874438	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	409461	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	792553	20.00	ng	0.00
76) Chrysene-d12	13.87	240	477767	20.00	ng	0.00
87) Perylene-d12	15.27	264	459550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1318215	129.51	ng	0.00
7) Phenol-d6	6.37	99	1642095	116.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	1452616	95.72	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	415180	87.11	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2308246	79.73	ng	0.00
79) Terphenyl-d14	12.83	244	2336618	92.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	345050	85.098	ng	100
3) Pyridine	3.14	79	936701	90.817	ng	100
4) n-Nitrosodimethylamine	3.07	42	412697	95.237	ng	99
6) Aniline	6.40	93	1164650	69.222	ng	100
8) 2-Chlorophenol	6.53	128	741824	54.176	ng	98
9) Benzaldehyde	6.29	77	599957	81.157	ng	96
10) Phenol	6.39	94	983233	63.364	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	750526	61.436	ng	99
12) 1,3-Dichlorobenzene	6.69	146	766948	48.095	ng	98
13) 1,4-Dichlorobenzene	6.76	146	758350	46.208	ng	99
14) 1,2-Dichlorobenzene	6.92	146	689265	44.857	ng	97
15) Benzyl Alcohol	6.89	79	643808	53.998	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1270047	80.970	ng	99
17) 2-Methylphenol	7.00	107	611132	56.302	ng	98
18) Hexachloroethane	7.26	117	297812	51.676	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	532736	54.625	ng	98
20) 3+4-Methylphenols	7.15	107	643951	46.393	ng	95
22) Acetophenone	7.16	105	957490	44.968	ng	98
24) Nitrobenzene	7.32	77	807274	53.263	ng	98
25) Isophorone	7.57	82	1514133	63.598	ng	99
26) 2-Nitrophenol	7.64	139	364287	44.975	ng	95
27) 2,4-Dimethylphenol	7.68	122	604759	54.192	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	934399	57.640	ng	99
29) 2,4-Dichlorophenol	7.88	162	591871	47.394	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	626091	43.615	ng	99
31) Naphthalene	8.05	128	1982179	48.473	ng	99
32) Benzoic acid	7.81	122	471860m	74.126	ng	
33) 4-Chloroaniline	8.09	127	868821	48.795	ng	97
34) Hexachlorobutadiene	8.17	225	354542	42.088	ng	99
35) Caprolactam	8.47	113	217556	49.382	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	647720	48.994	ng	98
37) 2-Methylnaphthalene	8.74	142	1302888	46.541	ng	100
38) 1-Methylnaphthalene	8.83	142	1265458	47.162	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	545730	40.593	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	313771	78.618	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	405421	48.922	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	429999	49.647	ng		98
46) 1,1'-Biphenyl	9.20	154	1594215	44.535	ng		99
47) 2-Chloronaphthalene	9.22	162	1214160	43.739	ng		98
48) 2-Nitroaniline	9.31	65	415436	54.908	ng		96
49) Acenaphthylene	9.63	152	2048552	50.350	ng		99
50) Dimethylphthalate	9.50	163	1396165	43.887	ng		100
51) 2,6-Dinitrotoluene	9.56	165	325102	45.629	ng		95
52) Acenaphthene	9.81	154	1190298	48.973	ng		99
53) 3-Nitroaniline	9.72	138	389133	50.413	ng		90
54) 2,4-Dinitrophenol	9.82	184	118742	51.930	ng	#	84
55) Dibenzofuran	9.98	168	1720602	46.325	ng		98
56) 4-Nitrophenol	9.87	139	327074	80.147	ng		100
57) 2,4-Dinitrotoluene	9.96	165	418828	46.175	ng		96
58) Fluorene	10.32	166	1194917	42.991	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	363941	55.604	ng		100
60) Diethylphthalate	10.20	149	1500041	47.514	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	557991	36.906	ng		96
62) 4-Nitroaniline	10.33	138	361226	47.711	ng		96
63) Azobenzene	10.47	77	1515151	54.569	ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	161054	36.244	ng		91
66) n-Nitrosodiphenylamine	10.43	169	1188884	44.509	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	399942	42.905	ng		98
68) Hexachlorobenzene	10.87	284	448933	44.889	ng		93
69) Atrazine	10.96	200	371994	43.160	ng		99
70) Pentachlorophenol	11.05	266	278550	71.581	ng		98
71) Phenanthrene	11.27	178	1867556	45.325	ng		99
72) Anthracene	11.33	178	1882342	45.861	ng		100
73) Carbazole	11.47	167	1843529	45.534	ng		99
74) Di-n-butylphthalate	11.82	149	2224283	44.261	ng		99
75) Fluoranthene	12.46	202	2002900	45.321	ng		98
77) Benzidine	12.57	184	1270550	96.621	ng		97
78) Pyrene	12.68	202	2042169	61.738	ng		99
80) Butylbenzylphthalate	13.31	149	936352	58.509	ng		93
81) Benzo(a)anthracene	13.86	228	1652793	58.848	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	639811	60.871	ng		99
83) Chrysene	13.90	228	1598307	59.618	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	1073476	47.254	ng		99
85) Di-n-octyl phthalate	14.48	149	1844998	52.788	ng		100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1302830	61.330	ng		99
88) Benzo(b)fluoranthene	14.88	252	1458127	53.055	ng		99
89) Benzo(k)fluoranthene	14.91	252	1290352	49.016	ng		99
90) Benzo(a)pyrene	15.22	252	1273106	51.482	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	1065193	53.446	ng		100
92) Benzo(g,h,i)perylene	17.04	276	1072697	57.048	ng		98

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

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