Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112771.D
Acq On : 28 Feb 2019 19:56
Operator : JU/SJ
Sample : K1650-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:12 PM

Quant Time: Mar 01 06:56:55 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 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	207327	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	760733	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	342234	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	605586	20.00	ng		0.00
76) Chrysene-d12	13.88	240	379522	20.00	ng		0.00
87) Perylene-d12	15.29	264	483820	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1456807	109.30	ng		0.02
7) Phenol-d6	6.39	99	1886977	112.71	ng		0.02
23) Nitrobenzene-d5	7.31	82	1170473	92.07	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	478030	131.57	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1944051	99.78	ng		0.00
79) Terphenyl-d14	12.83	244	1624075	82.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	212092	31.745	ng		98
3) Pyridine	3.19	79	574112	32.120	ng		99
4) n-Nitrosodimethylamine	3.10	42	283282	36.230	ng		99
6) Aniline	6.41	93	821614	35.651	ng		99
8) 2-Chlorophenol	6.53	128	560299	37.764	ng		96
9) Benzaldehyde	6.29	77	251245	20.827	ng		98
10) Phenol	6.40	94	746102	38.189	ng		89
11) bis(2-Chloroethyl)ether	6.49	93	558067	37.215	ng		96
12) 1,3-Dichlorobenzene	6.69	146	595888	38.879	ng		99
13) 1,4-Dichlorobenzene	6.76	146	600072	39.040	ng		99
14) 1,2-Dichlorobenzene	6.92	146	552514	39.212	ng		97
15) Benzyl Alcohol	6.89	79	500565	39.209	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	910687	36.390	ng		99
17) 2-Methylphenol	7.00	107	464046	38.554	ng		97
18) Hexachloroethane	7.26	117	225558	38.309	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	386523	36.452	ng		98
20) 3+4-Methylphenols	7.16	107	524498	38.598	ng		97
22) Acetophenone	7.16	105	742023	41.715	ng	#	99
24) Nitrobenzene	7.33	77	601608	42.517	ng		98
25) Isophorone	7.57	82	1088684	39.749	ng		99
26) 2-Nitrophenol	7.65	139	305154	51.806	ng		97
27) 2,4-Dimethylphenol	7.69	122	488883	44.613	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	699169	40.830	ng		99
29) 2,4-Dichlorophenol	7.89	162	464744	43.733	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	502378	43.997	ng		98
31) Naphthalene	8.05	128	1583689	41.931	ng		100
32) Benzoic acid	7.75	122	50157	6.530	ng		87
33) 4-Chloroaniline	8.09	127	586643	36.672	ng		97
34) Hexachlorobutadiene	8.17	225	285850	44.390	ng		98
35) Caprolactam	8.46	113	140884m	37.641	ng		
36) 4-Chloro-3-methylphenol	8.58	107	475672	40.447	ng		96
37) 2-Methylnaphthalene	8.74	142	1045815	42.878	ng		100
38) 1-Methylnaphthalene	8.84	142	989586	41.884	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	437695	43.858	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	541344	99.057	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	329245	47.936	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	340444	45.857	ng		96
46) 1,1'-Biphenyl	9.20	154	1231967	44.134	ng		99
47) 2-Chloronaphthalene	9.23	162	965365	44.290	ng		97
48) 2-Nitroaniline	9.32	65	301894	45.567	ng		97
49) Acenaphthylene	9.64	152	1524976	41.212	ng		99
50) Dimethylphthalate	9.50	163	1190049	47.159	ng		100
51) 2,6-Dinitrotoluene	9.56	165	241997	46.052	ng		91
52) Acenaphthene	9.81	154	960816	44.402	ng		99
53) 3-Nitroaniline	9.72	138	237359	37.069	ng		94
54) 2,4-Dinitrophenol	9.83	184	165676	77.313	ng		95
55) Dibenzofuran	9.98	168	1316643	41.864	ng		99
56) 4-Nitrophenol	9.89	139	379312	72.889	ng		97
57) 2,4-Dinitrotoluene	9.96	165	308781	47.273	ng	#	84
58) Fluorene	10.32	166	927483	41.550	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	271651	43.919	ng		97
60) Diethylphthalate	10.20	149	1063326	39.897	ng		98
61) 4-Chlorophenyl-phenylether	10.32	204	458777	44.174	ng		97
62) 4-Nitroaniline	10.33	138	230724	38.994	ng		98
63) Azobenzene	10.47	77	1045761	38.308	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	122795	49.220	ng		78
66) n-Nitrosodiphenylamine	10.43	169	867137	44.648	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	299643	46.976	ng		93
68) Hexachlorobenzene	10.87	284	339315	47.190	ng	#	91
69) Atrazine	10.96	200	236550	39.768	ng		100
70) Pentachlorophenol	11.06	266	335309	79.231	ng		98
71) Phenanthrene	11.28	178	1322799	43.903	ng		99
72) Anthracene	11.33	178	1360040	43.121	ng		99
73) Carbazole	11.48	167	1167287	37.939	ng		100
74) Di-n-butylphthalate	11.82	149	1511015	40.958	ng		100
75) Fluoranthene	12.46	202	1281523	39.699	ng		99
77) Benzidine	12.58	184	797782	40.517	ng		99
78) Pyrene	12.69	202	1287685	40.247	ng		99
80) Butylbenzylphthalate	13.31	149	579133	41.008	ng		95
81) Benzo(a)anthracene	13.87	228	1073409	40.809	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	439433	44.173	ng		99
83) Chrysene	13.90	228	1054401	40.924	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	699996	42.257	ng		99
85) Di-n-octyl phthalate	14.48	149	1335866	46.964	ng		98
86) Indeno(1,2,3-cd)pyrene	16.66	276	1549039	70.522	ng		96
88) Benzo(b)fluoranthene	14.89	252	1235435	39.477	ng	#	97
89) Benzo(k)fluoranthene	14.92	252	1084602m	38.262	ng		
90) Benzo(a)pyrene	15.23	252	1196496	43.225	ng		98
91) Dibenzo(a,h)anthracene	16.68	278	1268370	53.698	ng		98
92) Benzo(g,h,i)perylene	17.07	276	1336131	56.334	ng		96

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

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