Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112915.D
Acq On : 7 Mar 2019 7:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Quant Time: Mar 07 08:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Sohil

3/7/2019 11:03:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	186511	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	696505	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	304600	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	577182	20.00	ng		0.00
76) Chrysene-d12	13.87	240	498418	20.00	ng		0.00
87) Perylene-d12	15.27	264	437327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	943512	78.69	ng		0.00
7) Phenol-d6	6.37	99	1142181	75.83	ng		0.00
23) Nitrobenzene-d5	7.30	82	982039	84.37	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	288292	89.15	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1617349	89.11	ng		0.00
79) Terphenyl-d14	12.82	244	1821166	70.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	239939	39.922	ng		97
3) Pyridine	3.10	79	630425	39.207	ng		98
4) n-Nitrosodimethylamine	3.03	42	263686	37.488	ng		95
6) Aniline	6.39	93	741269	35.755	ng	#	71
8) 2-Chlorophenol	6.52	128	520426	38.992	ng		94
9) Benzaldehyde	6.27	77	368585	33.963	ng		97
10) Phenol	6.39	94	633234	36.029	ng		83
11) bis(2-Chloroethyl)ether	6.47	93	503465	37.321	ng		97
12) 1,3-Dichlorobenzene	6.67	146	551506	39.999	ng		98
13) 1,4-Dichlorobenzene	6.75	146	552381	39.949	ng		99
14) 1,2-Dichlorobenzene	6.90	146	505153	39.852	ng		98
15) Benzyl Alcohol	6.87	79	432128	37.626	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	791562	35.160	ng		97
17) 2-Methylphenol	6.99	107	403318	37.248	ng		97
18) Hexachloroethane	7.25	117	190349	35.938	ng	#	89
19) n-Nitroso-di-n-propylamine	7.15	70	329459	34.538	ng		99
20) 3+4-Methylphenols	7.15	107	460092	37.637	ng	#	81
22) Acetophenone	7.15	105	676502	41.538	ng	#	95
24) Nitrobenzene	7.32	77	524833	40.511	ng		97
25) Isophorone	7.56	82	936054	37.328	ng		98
26) 2-Nitrophenol	7.63	139	270310	50.123	ng		96
27) 2,4-Dimethylphenol	7.67	122	393248	39.195	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	614642	39.204	ng		100
29) 2,4-Dichlorophenol	7.87	162	403672	41.489	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	435643	41.671	ng		98
31) Naphthalene	8.04	128	1388374	40.150	ng		100
32) Benzoic acid	7.79	122	292368	41.577	ng		93
33) 4-Chloroaniline	8.09	127	598003	40.829	ng		98
34) Hexachlorobutadiene	8.16	225	269338	45.682	ng		99
35) Caprolactam	8.45	113	128340	37.452	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	398130	36.975	ng		98
37) 2-Methylnaphthalene	8.73	142	886034	39.677	ng		99
38) 1-Methylnaphthalene	8.83	142	860405	39.775	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	418625	47.129	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	93404	19.203 ng		99
43) 2,4,6-Trichlorophenol	9.00	196	260023	42.535 ng		99
44) 2,4,5-Trichlorophenol	9.05	196	276310	41.817 ng		99
46) 1,1'-Biphenyl	9.19	154	1045769	42.092 ng		99
47) 2-Chloronaphthalene	9.22	162	786654	40.550 ng		98
48) 2-Nitroaniline	9.30	65	253932	43.064 ng		99
49) Acenaphthylene	9.63	152	1268818	38.526 ng		99
50) Dimethylphthalate	9.49	163	926174	41.237 ng		99
51) 2,6-Dinitrotoluene	9.55	165	206917	44.241 ng		88
52) Acenaphthene	9.80	154	737232	38.279 ng		99
53) 3-Nitroaniline	9.72	138	242436	42.540 ng		98
54) 2,4-Dinitrophenol	9.82	184	45588	28.360 ng		97
55) Dibenzofuran	9.97	168	1097551	39.210 ng		97
56) 4-Nitrophenol	9.88	139	184828	39.905 ng		87
57) 2,4-Dinitrotoluene	9.95	165	257301	44.258 ng	#	82
58) Fluorene	10.31	166	798303	40.182 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	235525	42.783 ng	#	93
60) Diethylphthalate	10.19	149	931494	39.269 ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	401147	43.397 ng		94
62) 4-Nitroaniline	10.32	138	234928	44.611 ng		97
63) Azobenzene	10.46	77	838181	34.498 ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	63020	28.632 ng	#	78
66) n-Nitrosodiphenylamine	10.42	169	710489	38.382 ng		99
67) 4-Bromophenyl-phenylether	10.79	248	259996	42.766 ng		92
68) Hexachlorobenzene	10.86	284	301809	44.040 ng	#	87
69) Atrazine	10.95	200	224027	39.516 ng		98
70) Pentachlorophenol	11.05	266	182163	45.162 ng		98
71) Phenanthrene	11.27	178	1237006	43.076 ng		98
72) Anthracene	11.32	178	1274391	42.394 ng		99
73) Carbazole	11.47	167	1242887	42.384 ng		100
74) Di-n-butylphthalate	11.81	149	1463217	41.614 ng		100
75) Fluoranthene	12.45	202	1397519	45.423 ng		96
77) Benzidine	12.57	184	778991	30.125 ng		99
78) Pyrene	12.67	202	1446852	34.434 ng		100
80) Butylbenzylphthalate	13.30	149	663794	35.790 ng		92
81) Benzo(a)anthracene	13.86	228	1228233	35.556 ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	554454	42.440 ng		98
83) Chrysene	13.90	228	1258231	37.185 ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	790887	36.355 ng		99
85) Di-n-octyl phthalate	14.47	149	1518188	40.642 ng		96
86) Indeno(1,2,3-cd)pyrene	16.63	276	1061726	36.806 ng		95
88) Benzo(b)fluoranthene	14.87	252	1090403	38.547 ng		98
89) Benzo(k)fluoranthene	14.90	252	1006209m	39.270 ng		
90) Benzo(a)pyrene	15.22	252	977265	39.058 ng		97
91) Dibenzo(a,h)anthracene	16.64	278	887460	41.566 ng		98
92) Benzo(g,h,i)perylene	17.04	276	882233	41.151 ng		96

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

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