Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111254.D
Acq On : 10 Dec 2018 20:47
Operator : JU/SJ
Sample : J6282-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:36 PM

Quant Time: Dec 11 05:52:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	542197	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2046722	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	832611	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1162526	20.00	ng		0.00
76) Chrysene-d12	13.99	240	447710	20.00	ng		0.03
87) Perylene-d12	15.43	264	507443	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3644149	106.13	ng		0.02
7) Phenol-d6	6.44	99	4775997	111.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	2979957	81.66	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	723406	98.08	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4142011	87.14	ng		0.00
79) Terphenyl-d14	12.92	244	2027448	108.62	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	484364	27.493	ng		99
3) Pyridine	3.32	79	1057804	22.601	ng		97
4) n-Nitrosodimethylamine	3.23	42	730768	36.620	ng		97
6) Aniline	6.45	93	78172	1.374	ng	#	1
8) 2-Chlorophenol	6.59	128	1382113	35.412	ng		96
9) Benzaldehyde	6.35	77	471954	15.906	ng		99
10) Phenol	6.45	94	1979182	39.667	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	1850072	47.943	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1427527	34.040	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1431248	33.800	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1335476	33.814	ng		99
15) Benzyl Alcohol	6.95	79	1206091	35.717	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2546392	35.246	ng		99
17) 2-Methylphenol	7.06	107	1171694	36.771	ng		99
18) Hexachloroethane	7.32	117	543675	33.723	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	977572	34.199	ng		97
20) 3+4-Methylphenols	7.21	107	1376389	36.315	ng		96
22) Acetophenone	7.21	105	1812951	38.713	ng		98
24) Nitrobenzene	7.39	77	1471712	38.751	ng		94
25) Isophorone	7.62	82	2618066	42.124	ng		99
26) 2-Nitrophenol	7.70	139	721290	38.225	ng		98
27) 2,4-Dimethylphenol	7.74	122	1252719	42.962	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1675794	38.937	ng		99
29) 2,4-Dichlorophenol	7.94	162	1104650	37.050	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1074206	36.577	ng		99
31) Naphthalene	8.11	128	3593225	40.225	ng		100
32) Benzoic acid	7.84	122	507175	21.034	ng		97
33) 4-Chloroaniline	8.16	127	293593	6.843	ng		97
34) Hexachlorobutadiene	8.23	225	573187	35.357	ng		97
35) Caprolactam	8.52	113	405692m	38.399	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1200707	39.333	ng		100
37) 2-Methylnaphthalene	8.80	142	2360592	39.804	ng		98
38) 1-Methylnaphthalene	8.90	142	2233996	38.465	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	866439	37.399	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	400138	30.327	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	664459	38.208	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	711972	39.301	ng		96
46) 1,1'-Biphenyl	9.26	154	2537846	36.804	ng		99
47) 2-Chloronaphthalene	9.29	162	2014393	36.975	ng		99
48) 2-Nitroaniline	9.37	65	731345	39.353	ng		98
49) Acenaphthylene	9.70	152	2968692	37.536	ng		98
50) Dimethylphthalate	9.56	163	2614850	42.563	ng		100
51) 2,6-Dinitrotoluene	9.62	165	543069	40.028	ng		96
52) Acenaphthene	9.87	154	1963202	39.555	ng		99
53) 3-Nitroaniline	9.78	138	261008	15.586	ng		97
54) 2,4-Dinitrophenol	9.89	184	403714	75.301	ng		93
55) Dibenzofuran	10.05	168	2569220	38.050	ng		99
56) 4-Nitrophenol	9.95	139	984155	75.458	ng		95
57) 2,4-Dinitrotoluene	10.02	165	697565	41.707	ng		96
58) Fluorene	10.39	166	1824572	34.919	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	507384	36.950	ng		99
60) Diethylphthalate	10.26	149	2160847	36.893	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	823510	31.743	ng		97
62) 4-Nitroaniline	10.40	138	491563	31.023	ng		99
63) Azobenzene	10.54	77	2008921	33.037	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	273704	39.939	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1706680	43.127	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	489255	38.424	ng		96
68) Hexachlorobenzene	10.94	284	474992	36.671	ng		95
69) Atrazine	11.03	200	469157	38.986	ng		98
70) Pentachlorophenol	11.13	266	580510	61.780	ng		97
71) Phenanthrene	11.35	178	2362364	40.288	ng		96
72) Anthracene	11.40	178	2357947	38.437	ng		98
73) Carbazole	11.55	167	2254236	35.142	ng		98
74) Di-n-butylphthalate	11.89	149	2488239	37.739	ng		98
75) Fluoranthene	12.54	202	1802380	33.649	ng		99
77) Benzidine	12.66	184	17669	1.329	ng	#	1
78) Pyrene	12.77	202	1702495	53.214	ng		97
80) Butylbenzylphthalate	13.40	149	648353	38.798	ng		94
81) Benzo(a)anthracene	13.97	228	1003328	40.169	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	127762	12.480	ng	#	78
83) Chrysene	14.01	228	1054379	40.947	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1577650	79.451	ng	#	98
85) Di-n-octyl phthalate	14.58	149	1270569	38.175	ng	#	38
86) Indeno(1,2,3-cd)pyrene	16.87	276	1226538	59.008	ng		97
88) Benzo(b)fluoranthene	15.02	252	1135251	40.454	ng	#	74
89) Benzo(k)fluoranthene	15.04	252	986459	37.388	ng	#	75
90) Benzo(a)pyrene	15.37	252	1089273	42.151	ng	#	77
91) Dibenzo(a,h)anthracene	16.88	278	1024886	50.493	ng	#	94
92) Benzo(g,h,i)perylene	17.29	276	1049475	51.651	ng		98

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

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