Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111316.D
Acq On : 12 Dec 2018 11:09
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:52 PM

Quant Time: Dec 12 12:03:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	364761	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1504662	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	687784	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1169315	20.00	ng		0.00
76) Chrysene-d12	13.96	240	749273	20.00	ng		0.00
87) Perylene-d12	15.39	264	604489	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1756276	76.03	ng		0.00
7) Phenol-d6	6.43	99	2312225	80.55	ng		0.00
23) Nitrobenzene-d5	7.36	82	2157092	80.41	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	478102	78.47	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3391942	77.79	ng		0.00
79) Terphenyl-d14	12.90	244	2676181	85.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	421988	35.604	ng		98
3) Pyridine	3.25	79	1129551	35.873	ng		97
4) n-Nitrosodimethylamine	3.20	42	503332	37.492	ng		89
6) Aniline	6.46	93	1494787	39.053	ng		99
8) 2-Chlorophenol	6.58	128	1060267	40.380	ng		99
9) Benzaldehyde	6.34	77	653112	36.659	ng		99
10) Phenol	6.45	94	1300410	38.741	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	1038100	39.988	ng		98
12) 1,3-Dichlorobenzene	6.74	146	1148629	40.713	ng		98
13) 1,4-Dichlorobenzene	6.81	146	1158729	40.676	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1057805	39.812	ng		99
15) Benzyl Alcohol	6.94	79	898685	39.559	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	2019080	41.542	ng		100
17) 2-Methylphenol	7.05	107	865834	40.390	ng		99
18) Hexachloroethane	7.31	117	437381	40.327	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	762984	39.676	ng		94
20) 3+4-Methylphenols	7.21	107	997175	39.108	ng		94
22) Acetophenone	7.21	105	1356591	39.404	ng	#	97
24) Nitrobenzene	7.38	77	1113442	39.879	ng		96
25) Isophorone	7.62	82	1804678	39.497	ng		98
26) 2-Nitrophenol	7.69	139	562079	40.518	ng		97
27) 2,4-Dimethylphenol	7.73	122	819375	38.224	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	1240272	39.199	ng		99
29) 2,4-Dichlorophenol	7.94	162	861695	39.313	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	873296	40.448	ng		99
31) Naphthalene	8.10	128	2739608	41.718	ng		98
32) Benzoic acid	7.87	122	694796m	39.196	ng		
33) 4-Chloroaniline	8.15	127	1257666	39.874	ng		99
34) Hexachlorobutadiene	8.22	225	486975	40.861	ng		98
35) Caprolactam	8.53	113	303934m	39.132	ng		
36) 4-Chloro-3-methylphenol	8.63	107	912660	40.668	ng		99
37) 2-Methylnaphthalene	8.79	142	1784460	40.929	ng		100
38) 1-Methylnaphthalene	8.89	142	1709568	40.040	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	774410	40.465	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	424521	38.951 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	560320	39.005 ng	98
44) 2,4,5-Trichlorophenol	9.11	196	602104	40.235 ng	97
46) 1,1'-Biphenyl	9.26	154	2296608	39.723 ng	98
47) 2-Chloronaphthalene	9.28	162	1774743	39.436 ng	99
48) 2-Nitroaniline	9.37	65	600879	39.141 ng	93
49) Acenaphthylene	9.70	152	2600008	39.797 ng	97
50) Dimethylphthalate	9.56	163	1943399	38.295 ng	98
51) 2,6-Dinitrotoluene	9.62	165	451080	40.249 ng	88
52) Acenaphthene	9.87	154	1639940	40.000 ng	99
53) 3-Nitroaniline	9.79	138	533519	38.568 ng	96
54) 2,4-Dinitrophenol	9.89	184	175269	39.575 ng	94
55) Dibenzofuran	10.04	168	2329915	41.772 ng	99
56) 4-Nitrophenol	9.95	139	399118	37.045 ng	95
57) 2,4-Dinitrotoluene	10.02	165	589491	42.667 ng	91
58) Fluorene	10.38	166	1646494	38.147 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	456563	40.250 ng	99
60) Diethylphthalate	10.26	149	1982688	40.980 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	817117	38.128 ng	99
62) 4-Nitroaniline	10.40	138	524515	40.073 ng	99
63) Azobenzene	10.53	77	1987889	39.575 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	277121	43.923 ng	99
66) n-Nitrosodiphenylamine	10.49	169	1640419	41.212 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	522732	40.815 ng	98
68) Hexachlorobenzene	10.93	284	540168	41.461 ng	97
69) Atrazine	11.02	200	470288	38.854 ng	99
70) Pentachlorophenol	11.12	266	382029	40.421 ng	95
71) Phenanthrene	11.34	178	2341164	39.695 ng	96
72) Anthracene	11.39	178	2395177	38.817 ng	97
73) Carbazole	11.55	167	2477177	38.394 ng	98
74) Di-n-butylphthalate	11.88	149	2824467	42.590 ng	98
75) Fluoranthene	12.53	202	2305939	42.800 ng	99
77) Benzidine	12.65	184	564216	25.361 ng	99
78) Pyrene	12.76	202	2356624	44.013 ng	98
80) Butylbenzylphthalate	13.38	149	1138093	40.694 ng	91
81) Benzo(a)anthracene	13.94	228	1660139	39.715 ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	635177	37.073 ng	97
83) Chrysene	13.98	228	1690590	39.230 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1356887	40.831 ng	99
85) Di-n-octyl phthalate	14.56	149	2216603	39.795 ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1325886	38.115 ng	98
88) Benzo(b)fluoranthene	14.98	252	1396434	41.772 ng	98
89) Benzo(k)fluoranthene	15.01	252	1332316	42.390 ng	100
90) Benzo(a)pyrene	15.33	252	1277072	41.484 ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1098592	45.435 ng	97
92) Benzo(g,h,i)perylene	17.23	276	1126199	46.528 ng	96

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

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