Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107521.D
Acq On : 20 Jul 2018 13:44
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:18 PM

Quant Time: Jul 20 14:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 14:36:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	351625	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1377496	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	634163	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1214320	20.00	ng		0.00
75) Chrysene-d12	14.17	240	991743	20.00	ng		0.00
86) Perylene-d12	15.70	264	916928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1107415	47.83	ng		0.00
7) Phenol-d6	6.61	99	1341019	44.80	ng		0.00
23) Nitrobenzene-d5	7.54	82	1018862	39.44	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	381015	68.38	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2140991	48.51	ng		0.00
78) Terphenyl-d14	13.09	244	2066055	51.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	248336	21.726	ng	#	82
3) Pyridine	3.64	79	681048	22.091	ng	#	83
4) n-Nitrosodimethylamine	3.60	42	289801	22.892	ng		93
6) Aniline	6.64	93	868189	21.941	ng	#	89
8) 2-Chlorophenol	6.77	128	600334	25.640	ng		97
9) Benzaldehyde	6.53	77	445091	18.484	ng		98
10) Phenol	6.62	94	765070	23.840	ng		92
11) bis(2-Chloroethyl)ether	6.71	93	600494	22.930	ng		91
12) 1,3-Dichlorobenzene	6.91	146	664461	23.375	ng		97
13) 1,4-Dichlorobenzene	6.99	146	694372	24.642	ng		98
14) 1,2-Dichlorobenzene	7.15	146	628587	23.841	ng		99
15) Benzyl Alcohol	7.12	79	471414	15.682	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1119040	40.043	ng		91
17) 2-Methylphenol	7.22	107	506266	22.741	ng		98
18) Hexachloroethane	7.48	117	243517	23.226	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	428508	19.994	ng		98
20) 3+4-Methylphenols	7.38	107	623603	22.052	ng	#	72
22) Acetophenone	7.38	105	832841	22.005	ng	#	89
24) Nitrobenzene	7.56	77	597864	20.594	ng		99
25) Isophorone	7.79	82	1070527	20.908	ng		98
26) 2-Nitrophenol	7.87	139	220157	22.309	ng		92
27) 2,4-Dimethylphenol	7.91	122	458564	22.284	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	746403	23.276	ng		99
29) 2,4-Dichlorophenol	8.12	162	500773	23.385	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	546953	21.092	ng		98
31) Naphthalene	8.28	128	1603297	23.962	ng		99
32) Benzoic acid	8.02	122	234796m	18.591	ng		
33) 4-Chloroaniline	8.33	127	743329	25.652	ng		97
34) Hexachlorobutadiene	8.39	225	331457	19.102	ng		99
35) Caprolactam	8.70	113	155359	22.303	ng	#	61
36) 4-Chloro-3-methylphenol	8.81	107	549717	19.646	ng		98
37) 2-Methylnaphthalene	8.97	142	1086156	24.627	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	538310	21.813	ng		98
40) Hexachlorocyclopentadiene	9.12	237	253522	19.669	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	355443	23.074	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	362580	24.604	ng		97
45) 1,1'-Biphenyl	9.44	154	1424552	25.981	ng		99
46) 2-Chloronaphthalene	9.47	162	1070932	24.730	ng		99
47) 2-Nitroaniline	9.57	65	289354	21.834	ng		90
48) Acenaphthylene	9.88	152	1646940	27.251	ng		98
49) Dimethylphthalate	9.73	163	1190820	23.634	ng		98
50) 2,6-Dinitrotoluene	9.80	165	230629	23.987	ng		92
51) Acenaphthene	10.05	154	1018688	25.427	ng		98
52) 3-Nitroaniline	9.98	138	278928	27.619	ng	#	99
53) 2,4-Dinitrophenol	10.08	184	48684	14.372	ng	#	22
54) Dibenzofuran	10.22	168	1516392	24.493	ng		97
55) 4-Nitrophenol	10.14	139	204115	24.977	ng		95
56) 2,4-Dinitrotoluene	10.21	165	280450	22.378	ng		97
57) Fluorene	10.57	166	1108829	27.042	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	302584	21.197	ng		90
59) Diethylphthalate	10.43	149	1274693	26.040	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	597527	24.465	ng		91
61) 4-Nitroaniline	10.59	138	254450	26.475	ng		98
62) Azobenzene	10.72	77	1244103	21.642	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	101111	17.479	ng		87
65) n-Nitrosodiphenylamine	10.68	169	1056676	27.552	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	369121	26.569	ng		91
67) Hexachlorobenzene	11.12	284	396786	30.854	ng	#	84
68) Atrazine	11.20	200	322130	22.226	ng		97
69) Pentachlorophenol	11.31	266	244889	25.768	ng		98
70) Phenanthrene	11.54	178	1538534	25.423	ng		98
71) Anthracene	11.59	178	1553754	25.777	ng		98
72) Carbazole	11.75	167	1616520	28.328	ng		98
73) Di-n-butylphthalate	12.06	149	1898736	28.953	ng		98
74) Fluoranthene	12.73	202	1658917	24.118	ng		98
76) Benzidine	12.85	184	739132	19.204	ng		98
77) Pyrene	12.96	202	1696649	25.158	ng		98
79) Butylbenzylphthalate	13.57	149	766417	31.199	ng		99
80) Benzo(a)anthracene	14.15	228	1469996	24.225	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	514602	25.286	ng		96
82) Chrysene	14.19	228	1415301	24.416	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1074586	30.526	ng		99
84) Di-n-octyl phthalate	14.75	149	1740292	31.802	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1097787	26.606	ng		97
87) Benzo(b)fluoranthene	15.24	252	1221533	22.760	ng		98
88) Benzo(k)fluoranthene	15.27	252	1307891	24.971	ng		99
89) Benzo(a)pyrene	15.64	252	1153605	23.419	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	919676	24.738	ng		98
91) Benzo(g,h,i)perylene	17.75	276	876284	23.197	ng		96

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

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