Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111107.D
Acq On : 5 Dec 2018 14:22
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:33 PM

Quant Time: Dec 05 17:25:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	565562	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2311782	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1076113	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1831423	20.00	ng		0.00
76) Chrysene-d12	13.95	240	1242069	20.00	ng		0.00
87) Perylene-d12	15.38	264	1041787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1877231	55.04	ng		0.00
7) Phenol-d6	6.43	99	2385164	53.67	ng		0.00
23) Nitrobenzene-d5	7.36	82	2045356	50.64	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	458103	42.86	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3458635	46.56	ng		0.00
79) Terphenyl-d14	12.90	244	3081703	48.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	527310	32.273	ng	#	83
3) Pyridine	3.28	79	1183257	33.071	ng	#	77
4) n-Nitrosodimethylamine	3.20	42	566221	34.585	ng	#	83
6) Aniline	6.46	93	1584887	28.846	ng	#	53
8) 2-Chlorophenol	6.59	128	1064671	26.341	ng		97
9) Benzaldehyde	6.35	77	717007	30.224	ng		95
10) Phenol	6.44	94	1295104m	25.875	ng		
11) bis(2-Chloroethyl)ether	6.54	93	1056518	28.018	ng		92
12) 1,3-Dichlorobenzene	6.75	146	1133615	25.530	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1139033	24.945	ng		97
14) 1,2-Dichlorobenzene	6.97	146	1066484	24.816	ng		98
15) Benzyl Alcohol	6.94	79	944065	27.640	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2054539	34.236	ng		64
17) 2-Methylphenol	7.05	107	861820	26.818	ng	#	81
18) Hexachloroethane	7.32	117	421436	25.091	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	782439	27.027	ng	#	86
20) 3+4-Methylphenols	7.20	107	1081457	25.316	ng		91
22) Acetophenone	7.21	105	1426631	26.328	ng	#	85
24) Nitrobenzene	7.38	77	1107045	26.354	ng		99
25) Isophorone	7.62	82	1806145	27.258	ng		98
26) 2-Nitrophenol	7.70	139	462634	22.669	ng		97
27) 2,4-Dimethylphenol	7.73	122	846731	27.474	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1238821	27.907	ng		100
29) 2,4-Dichlorophenol	7.93	162	844305	26.179	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	849251	23.497	ng		94
31) Naphthalene	8.11	128	2801564	25.853	ng		99
32) Benzoic acid	7.83	122	567008m	24.745	ng		
33) 4-Chloroaniline	8.15	127	1255860	27.228	ng		99
34) Hexachlorobutadiene	8.23	225	468898	22.778	ng		99
35) Caprolactam	8.51	113	306568	27.843	ng	#	72
36) 4-Chloro-3-methylphenol	8.63	107	916817	25.585	ng		98
37) 2-Methylnaphthalene	8.80	142	1803623	25.198	ng		99
38) 1-Methylnaphthalene	8.90	142	1727090	24.807	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	736269	21.750	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	394011	115.671	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	539721	26.695	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	560790	26.342	ng		98
46) 1,1'-Biphenyl	9.26	154	2364372	23.832	ng		98
47) 2-Chloronaphthalene	9.29	162	1788185	24.859	ng		97
48) 2-Nitroaniline	9.37	65	560446	24.909	ng		94
49) Acenaphthylene	9.70	152	2640991	25.819	ng		97
50) Dimethylphthalate	9.56	163	1951583	24.728	ng		99
51) 2,6-Dinitrotoluene	9.62	165	419677	23.886	ng		95
52) Acenaphthene	9.87	154	1647445	25.123	ng		99
53) 3-Nitroaniline	9.78	138	534844	26.118	ng		98
54) 2,4-Dinitrophenol	9.88	184	95224	17.050	ng	#	1
55) Dibenzofuran	10.05	168	2400324	25.091	ng		98
56) 4-Nitrophenol	9.93	139	400337	39.199	ng		91
57) 2,4-Dinitrotoluene	10.02	165	516842	22.673	ng		95
58) Fluorene	10.39	166	1667178	22.399	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	424409m	24.292	ng		
60) Diethylphthalate	10.26	149	1950880	23.970	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	813023	20.884	ng		94
62) 4-Nitroaniline	10.39	138	465916	24.436	ng		88
63) Azobenzene	10.54	77	2082384	26.250	ng		93
65) 4,6-Dinitro-2-methylphenol	10.42	198	177309	20.467	ng	#	69
66) n-Nitrosodiphenylamine	10.49	169	1655991	27.162	ng		94
67) 4-Bromophenyl-phenylether	10.87	248	503350	25.236	ng		94
68) Hexachlorobenzene	10.93	284	512867	24.141	ng	#	84
69) Atrazine	11.02	200	466267	29.718	ng		98
70) Pentachlorophenol	11.12	266	359957	42.587	ng		97
71) Phenanthrene	11.35	178	2443560	25.192	ng		98
72) Anthracene	11.39	178	2472850	25.033	ng		99
73) Carbazole	11.55	167	2518753	26.270	ng		97
74) Di-n-butylphthalate	11.89	149	2919793	26.046	ng		99
75) Fluoranthene	12.53	202	2336601	23.438	ng		96
77) Benzidine	12.64	184	1093680	34.425	ng		97
78) Pyrene	12.76	202	2448074	26.986	ng		99
80) Butylbenzylphthalate	13.38	149	1201347	29.332	ng		94
81) Benzo(a)anthracene	13.94	228	1877516	25.604	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	744167	29.596	ng	#	99
83) Chrysene	13.97	228	1876725	25.998	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1465632	26.856	ng		96
85) Di-n-octyl phthalate	14.56	149	2323059	26.966	ng	#	90
86) Indeno(1,2,3-cd)pyrene	16.78	276	1357388m	26.196	ng		
88) Benzo(b)fluoranthene	14.97	252	1482246	24.219	ng	#	97
89) Benzo(k)fluoranthene	15.00	252	1538129	24.417	ng	#	96
90) Benzo(a)pyrene	15.32	252	1388969	24.382	ng	#	96
91) Dibenzo(a,h)anthracene	16.80	278	1124665	23.928	ng	#	95
92) Benzo(g,h,i)perylene	17.20	276	1129862	24.931	ng	#	89

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

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