Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101946.D
Acq On : 9 Jan 2018 12:10
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
1/10/2018 11:44:49 AM

Quant Time: Jan 09 14:03:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228753	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	961016	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	427082	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	724789	20.00	ng		0.00
75) Chrysene-d12	13.87	240	501495	20.00	ng		0.00
86) Perylene-d12	15.29	264	414040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	803280	52.31	ng		0.00
7) Phenol-d6	6.35	99	968795	50.69	ng		0.00
23) Nitrobenzene-d5	7.29	82	826530	47.88	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	188480	45.80	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1466285	53.26	ng		0.00
78) Terphenyl-d14	12.83	244	1173470	56.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	200330	25.387	ng		96
3) Pyridine	3.08	79	537874	24.534	ng		93
4) n-Nitrosodimethylamine	3.03	42	223055	22.097	ng		94
6) Aniline	6.39	93	683482	25.734	ng		99
8) 2-Chlorophenol	6.50	128	413256	25.582	ng		99
9) Benzaldehyde	6.27	77	340166	24.100	ng		98
10) Phenol	6.36	94	547260m	25.123	ng		
11) bis(2-Chloroethyl)ether	6.46	93	411393	24.076	ng		96
12) 1,3-Dichlorobenzene	6.66	146	469254	25.737	ng		98
13) 1,4-Dichlorobenzene	6.75	146	469670	25.226	ng		98
14) 1,2-Dichlorobenzene	6.89	146	435387	25.979	ng		99
15) Benzyl Alcohol	6.86	79	361773	27.501	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	762611	29.162	ng		96
17) 2-Methylphenol	6.97	107	363991	24.495	ng		99
18) Hexachloroethane	7.24	117	164231	25.371	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	310005	24.699	ng		92
20) 3+4-Methylphenols	7.13	107	452877	28.760	ng	#	87
22) Acetophenone	7.13	105	577543	26.338	ng	#	90
24) Nitrobenzene	7.31	77	445885	23.336	ng		98
25) Isophorone	7.55	82	794023	22.927	ng		97
26) 2-Nitrophenol	7.62	139	175914	21.430	ng		98
27) 2,4-Dimethylphenol	7.66	122	342751	24.578	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	480381	21.836	ng		100
29) 2,4-Dichlorophenol	7.86	162	322034	23.374	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	340311	23.406	ng		98
31) Naphthalene	8.03	128	1209177	24.993	ng		100
32) Benzoic acid	7.76	122	240727	28.946	ng		94
33) 4-Chloroaniline	8.08	127	518995	24.681	ng		98
34) Hexachlorobutadiene	8.15	225	182943	21.755	ng		99
35) Caprolactam	8.44	113	113021	23.625	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	356040	23.512	ng		98
37) 2-Methylnaphthalene	8.72	142	797325	25.295	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	307944	21.356	ng		99
40) Hexachlorocyclopentadiene	8.87	237	165290	87.641	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	209543	24.138	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	240241	25.275	ng		98
45) 1,1'-Biphenyl	9.19	154	950525	25.096	ng		98
46) 2-Chloronaphthalene	9.21	162	736134	25.401	ng		98
47) 2-Nitroaniline	9.30	65	222386	22.213	ng		93
48) Acenaphthylene	9.62	152	1172244	25.609	ng		99
49) Dimethylphthalate	9.49	163	846265	24.635	ng		98
50) 2,6-Dinitrotoluene	9.55	165	175934	25.198	ng	#	87
51) Acenaphthene	9.79	154	698148	25.386	ng		99
52) 3-Nitroaniline	9.72	138	221594	25.456	ng		93
53) 2,4-Dinitrophenol	9.82	184	41826	22.439	ng	#	19
54) Dibenzofuran	9.96	168	981049	28.070	ng		97
55) 4-Nitrophenol	9.86	139	162927	42.924	ng		93
56) 2,4-Dinitrotoluene	9.95	165	222718	28.313	ng		96
57) Fluorene	10.31	166	710769	24.041	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	170361	24.947	ng		98
59) Diethylphthalate	10.19	149	847068	24.900	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	302276	21.333	ng		99
61) 4-Nitroaniline	10.32	138	207125	23.672	ng		95
62) Azobenzene	10.46	77	841865	23.889	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	78040	21.100	ng		91
65) n-Nitrosodiphenylamine	10.42	169	676932	25.294	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	190065	23.338	ng		97
67) Hexachlorobenzene	10.85	284	207638	24.090	ng		95
68) Atrazine	10.95	200	199238	24.967	ng		100
69) Pentachlorophenol	11.04	266	131344	46.115	ng		98
70) Phenanthrene	11.27	178	1065328	26.431	ng		99
71) Anthracene	11.32	178	1075133	26.113	ng		100
72) Carbazole	11.47	167	1058485	27.459	ng		100
73) Di-n-butylphthalate	11.81	149	1326175	28.345	ng		99
74) Fluoranthene	12.45	202	1052985	24.889	ng		99
76) Benzidine	12.58	184	608169	28.713	ng		99
77) Pyrene	12.68	202	1072365	28.492	ng		100
79) Butylbenzylphthalate	13.31	149	505088	29.659	ng		99
80) Benzo(a)anthracene	13.86	228	798751	24.121	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	301405	27.914	ng		98
82) Chrysene	13.90	228	821253	26.267	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	592047	27.447	ng	#	99
84) Di-n-octyl phthalate	14.48	149	967253	25.144	ng		96
85) Indeno(1,2,3-cd)pyrene	16.66	276	549249	19.727	ng		94
87) Benzo(b)fluoranthene	14.89	252	658422	26.090	ng	#	97
88) Benzo(k)fluoranthene	14.92	252	659154	26.864	ng		99
89) Benzo(a)pyrene	15.23	252	600824	25.826	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	457714	22.915	ng	#	95
91) Benzo(g,h,i)perylene	17.07	276	450585	22.781	ng	#	92

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

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