Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091318.D
Acq On : 29 Nov 2016 10:57
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
11/30/2016 10:29:48 AM

Quant Time: Nov 29 12:53:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 12:14:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160903	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	632321	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	335080	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	564310	20.00	ng		0.00
75) Chrysene-d12	14.01	240	362712	20.00	ng		0.00
86) Perylene-d12	15.44	264	313820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	474762	47.41	ng		-0.01
7) Phenol-d6	6.49	99	641388	49.85	ng		0.00
23) Nitrobenzene-d5	7.43	82	606146	55.19	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	156202	46.23	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	987820	48.27	ng		-0.01
78) Terphenyl-d14	12.97	244	900747	56.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	113157	23.95	ng		90
3) Pyridine	3.18	79	322439	25.40	ng		88
4) n-Nitrosodimethylamine	3.12	42	161371	23.21	ng		96
6) Aniline	6.52	93	408462	24.83	ng	#	74
8) 2-Chlorophenol	6.64	128	267345	24.51	ng	#	79
9) Benzaldehyde	6.41	77	199276m	28.62	ng		
10) Phenol	6.50	94	365683	25.47	ng		83
11) bis(2-Chloroethyl)ether	6.60	93	250076	23.70	ng		95
12) 1,3-Dichlorobenzene	6.80	146	291825m	24.54	ng		
13) 1,4-Dichlorobenzene	6.88	146	308627	25.35	ng		97
14) 1,2-Dichlorobenzene	7.04	146	274504m	23.77	ng		
15) Benzyl Alcohol	7.01	79	258732	25.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	534286	23.09	ng		72
17) 2-Methylphenol	7.11	107	209706	24.30	ng	#	76
18) Hexachloroethane	7.38	117	113321	26.14	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	198858	24.64	ng	#	85
20) 3+4-Methylphenols	7.27	107	276691	26.12	ng	#	64
22) Acetophenone	7.27	105	358803	25.15	ng	#	77
24) Nitrobenzene	7.44	77	269522	23.19	ng		95
25) Isophorone	7.68	82	482013	23.49	ng		96
26) 2-Nitrophenol	7.76	139	126294	27.09	ng		99
27) 2,4-Dimethylphenol	7.81	122	242115	24.75	ng		89
28) bis(2-Chloroethoxy)methane	7.90	93	292733	23.96	ng		98
29) 2,4-Dichlorophenol	8.00	162	216137	25.00	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	262220	26.33	ng		98
31) Naphthalene	8.17	128	812131	26.70	ng		99
32) Benzoic acid	7.90	122	183674	23.84	ng		92
33) 4-Chloroaniline	8.22	127	337322	25.49	ng		99
34) Hexachlorobutadiene	8.30	225	156545	26.59	ng		98
35) Caprolactam	8.57	113	60163	22.57	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	237547	25.57	ng		85
37) 2-Methylnaphthalene	8.86	142	485426	23.25	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	253706	27.94	ng		98
40) Hexachlorocyclopentadiene	9.02	237	116852	28.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155531	24.84	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	169299	28.14	ng		93
45) 1,1'-Biphenyl	9.33	154	658703	27.27	ng		96
46) 2-Chloronaphthalene	9.35	162	476657	26.94	ng		98
47) 2-Nitroaniline	9.44	65	177397	29.54	ng	#	83
48) Acenaphthylene	9.76	152	697805	24.61	ng		99
49) Dimethylphthalate	9.62	163	512344	24.49	ng		98
50) 2,6-Dinitrotoluene	9.68	165	113460	24.83	ng		100
51) Acenaphthene	9.93	154	472207	24.46	ng		97
52) 3-Nitroaniline	9.85	138	145990	29.71	ng		89
53) 2,4-Dinitrophenol	9.96	184	50156	30.26	ng	#	84
54) Dibenzofuran	10.10	168	623737	22.97	ng		98
55) 4-Nitrophenol	10.00	139	104876	29.60	ng		90
56) 2,4-Dinitrotoluene	10.08	165	148121	25.61	ng	#	67
57) Fluorene	10.45	166	490442	23.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	128013	24.20	ng		98
59) Diethylphthalate	10.33	149	508188	24.14	ng	#	92
60) 4-Chlorophenyl-phenylether	10.45	204	253536	26.49	ng		95
61) 4-Nitroaniline	10.46	138	126896	27.68	ng		95
62) Azobenzene	10.61	77	546721	25.60	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	75055	29.33	ng	#	42
65) n-Nitrosodiphenylamine	10.56	169	459563	26.82	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	157816	25.59	ng	#	74
67) Hexachlorobenzene	11.00	284	162647	24.06	ng	#	86
68) Atrazine	11.09	200	141616	31.31	ng		96
69) Pentachlorophenol	11.19	266	100933	25.23	ng		95
70) Phenanthrene	11.41	178	726807	24.83	ng		99
71) Anthracene	11.46	178	757032	25.29	ng		98
72) Carbazole	11.61	167	680496	25.55	ng		97
73) Di-n-butylphthalate	11.96	149	759995	24.64	ng	#	98
74) Fluoranthene	12.60	202	738717	24.81	ng		97
76) Benzidine	12.71	184	287895	40.95	ng		99
77) Pyrene	12.83	202	756579	28.23	ng		98
79) Butylbenzylphthalate	13.44	149	242716	22.63	ng		92
80) Benzo(a)anthracene	14.00	228	520736	25.30	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	195420	28.79	ng		98
82) Chrysene	14.04	228	497503	25.57	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	301910	22.61	ng	#	90
84) Di-n-octyl phthalate	14.62	149	488245	23.23	ng		95
85) Indeno(1,2,3-cd)pyrene	16.85	276	548136	32.72	ng		95
87) Benzo(b)fluoranthene	15.03	252	440928m	22.27	ng		
88) Benzo(k)fluoranthene	15.07	252	453333m	28.04	ng		
89) Benzo(a)pyrene	15.39	252	455367	27.04	ng	#	94
90) Dibenzo(a,h)anthracene	16.86	278	465782	29.96	ng		96
91) Benzo(g,h,i)perylene	17.27	276	480332	31.14	ng		98

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

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