Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092419.D
Acq On : 24 Jan 2017 10:42
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
1/25/2017 3:49:07 PM

Quant Time: Jan 24 12:58:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 12:41:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160139	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	615202	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	359353	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	549200	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	515399	20.00	ng		0.00
86) Perylene-d12	15.64	264	441636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	221772	23.12	ng		0.00
7) Phenol-d6	6.58	99	289880	24.76	ng		-0.01
23) Nitrobenzene-d5	7.53	82	234567	21.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	51236	17.23	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	467770	24.99	ng		-0.01
78) Terphenyl-d14	13.12	244	427504	20.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	51661	10.94	ng	#	80
3) Pyridine	3.38	79	155965	9.46	ng	#	83
4) n-Nitrosodimethylamine	3.31	42	72788	11.71	ng	#	76
6) Aniline	6.62	93	204679	13.46	ng	#	43
8) 2-Chlorophenol	6.74	128	111325	10.20	ng		83
9) Benzaldehyde	6.51	77	102426	14.15	ng		93
10) Phenol	6.59	94	181931	13.63	ng	#	69
11) bis(2-Chloroethyl)ether	6.69	93	120775	11.38	ng		90
12) 1,3-Dichlorobenzene	6.91	146	133828	11.49	ng		97
13) 1,4-Dichlorobenzene	6.99	146	132983m	11.22	ng		
14) 1,2-Dichlorobenzene	7.14	146	134178	13.05	ng		97
15) Benzyl Alcohol	7.10	79	104621	11.50	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	246618	15.60	ng		89
17) 2-Methylphenol	7.21	107	90989	10.37	ng		97
18) Hexachloroethane	7.48	117	42639	9.70	ng	#	79
19) n-Nitroso-di-n-propylamine	7.38	70	94729	12.16	ng		96
20) 3+4-Methylphenols	7.37	107	124353	11.88	ng		95
22) Acetophenone	7.38	105	178148	11.74	ng	#	93
24) Nitrobenzene	7.55	77	129364	10.98	ng		98
25) Isophorone	7.79	82	241660	11.84	ng		95
26) 2-Nitrophenol	7.87	139	42883	7.38	ng		96
27) 2,4-Dimethylphenol	7.90	122	112918	11.72	ng		96
28) bis(2-Chloroethoxy)methane	8.01	93	168297	13.60	ng		97
29) 2,4-Dichlorophenol	8.11	162	96280	11.80	ng		93
30) 1,2,4-Trichlorobenzene	8.20	180	106814	11.94	ng		97
31) Naphthalene	8.28	128	367199	13.04	ng		99
32) Benzoic acid	7.97	122	49111	6.87	ng		91
33) 4-Chloroaniline	8.33	127	152800	12.04	ng		99
34) Hexachlorobutadiene	8.41	225	58837	12.46	ng		95
35) Caprolactam	8.67	113	29324	10.93	ng	#	31
36) 4-Chloro-3-methylphenol	8.81	107	101042	10.76	ng		87
37) 2-Methylnaphthalene	8.98	142	235527	12.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	94467	10.40	ng		99
40) Hexachlorocyclopentadiene	9.14	237	43848	12.28	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	74023	11.66	ng		87
43) 2,4,5-Trichlorophenol	9.29	196	65069	9.96	ng		92
45) 1,1'-Biphenyl	9.45	154	290316	11.80	ng		98
46) 2-Chloronaphthalene	9.47	162	227669	11.68	ng		98
47) 2-Nitroaniline	9.56	65	63486	9.15	ng		93
48) Acenaphthylene	9.88	152	328018	10.95	ng		98
49) Dimethylphthalate	9.74	163	252614	10.99	ng		99
50) 2,6-Dinitrotoluene	9.80	165	44814	8.91	ng	#	63
51) Acenaphthene	10.06	154	205401	10.11	ng		99
52) 3-Nitroaniline	9.97	138	59661	9.58	ng		88
53) 2,4-Dinitrophenol	10.08	184	9550	3.41	ng	#	70
54) Dibenzofuran	10.24	168	284636	10.37	ng		91
55) 4-Nitrophenol	10.11	139	36730	8.69	ng	#	74
56) 2,4-Dinitrotoluene	10.20	165	54110	8.57	ng	#	86
57) Fluorene	10.58	166	239314	11.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	47948	9.28	ng		99
59) Diethylphthalate	10.45	149	235984	10.57	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	103156	11.80	ng		99
61) 4-Nitroaniline	10.58	138	54099	8.39	ng		96
62) Azobenzene	10.73	77	244503	9.95	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	18413	5.54	ng		80
65) n-Nitrosodiphenylamine	10.68	169	193505	11.87	ng		100
66) 4-Bromophenyl-phenylether	11.07	248	61126	10.70	ng	#	77
67) Hexachlorobenzene	11.13	284	64328	10.53	ng		95
68) Atrazine	11.22	200	61939	11.78	ng		93
69) Pentachlorophenol	11.32	266	35813	11.95	ng		97
70) Phenanthrene	11.54	178	344438	11.57	ng		98
71) Anthracene	11.60	178	366910	12.30	ng		97
72) Carbazole	11.75	167	311228	11.28	ng		98
73) Di-n-butylphthalate	12.09	149	383844	11.91	ng		98
74) Fluoranthene	12.74	202	361260	12.16	ng		92
76) Benzidine	12.85	184	194743	13.04	ng		98
77) Pyrene	12.97	202	389701	10.31	ng		97
79) Butylbenzylphthalate	13.60	149	132460	7.70	ng	#	77
80) Benzo(a)anthracene	14.16	228	293178	10.08	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	108276	9.81	ng	#	95
82) Chrysene	14.19	228	313277	10.74	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	199485	9.85	ng	#	96
84) Di-n-octyl phthalate	14.77	149	329329	8.78	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.12	276	224190	8.87	ng	#	93
87) Benzo(b)fluoranthene	15.21	252	261070	9.49	ng		98
88) Benzo(k)fluoranthene	15.24	252	275281m	11.74	ng		
89) Benzo(a)pyrene	15.57	252	247723	10.15	ng	#	95
90) Dibenzo(a,h)anthracene	17.14	278	194626	9.70	ng		96
91) Benzo(g,h,i)perylene	17.56	276	196973	9.44	ng	#	88

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

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