Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091317.D
Acq On : 29 Nov 2016 10:29
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 12:40:37 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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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11/30/2016 10:29:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164628m	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	680289	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	358696	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	662281	20.00	ng		0.00
75) Chrysene-d12	14.01	240	537605	20.00	ng		0.00
86) Perylene-d12	15.44	264	416852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	226145	22.07	ng		-0.01
7) Phenol-d6	6.48	99	278561	21.16	ng		-0.01
23) Nitrobenzene-d5	7.42	82	240441	20.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	82533	22.82	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	487745	22.26	ng		-0.01
78) Terphenyl-d14	12.96	244	511725	21.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	46211	9.56	ng		87
3) Pyridine	3.19	79	132074	10.17	ng		85
4) n-Nitrosodimethylamine	3.12	42	71379	10.04	ng	#	98
6) Aniline	6.52	93	171703m	10.20	ng		
8) 2-Chlorophenol	6.64	128	125442	11.24	ng		89
9) Benzaldehyde	6.40	77	89842m	12.61	ng		
10) Phenol	6.49	94	159612	10.87	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	121131	11.22	ng		95
12) 1,3-Dichlorobenzene	6.80	146	135600m	11.14	ng		
13) 1,4-Dichlorobenzene	6.88	146	139654	11.21	ng		99
14) 1,2-Dichlorobenzene	7.03	146	121174	10.25	ng		98
15) Benzyl Alcohol	7.00	79	98739	9.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	234935	9.92	ng		72
17) 2-Methylphenol	7.11	107	92148m	10.43	ng		
18) Hexachloroethane	7.38	117	45025	10.15	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	84841m	10.27	ng		
20) 3+4-Methylphenols	7.27	107	121725	11.23	ng	#	30
22) Acetophenone	7.27	105	176917	11.53	ng	#	88
24) Nitrobenzene	7.44	77	137436	10.99	ng	#	87
25) Isophorone	7.68	82	223949	10.14	ng		98
26) 2-Nitrophenol	7.76	139	58762	11.72	ng		89
27) 2,4-Dimethylphenol	7.80	122	107864	10.25	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	145403	11.06	ng		99
29) 2,4-Dichlorophenol	8.00	162	99941	10.75	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	116193	10.85	ng		97
31) Naphthalene	8.17	128	367572	11.23	ng		98
32) Benzoic acid	7.86	122	71447	8.62	ng		99
33) 4-Chloroaniline	8.22	127	151821	10.66	ng		96
34) Hexachlorobutadiene	8.30	225	67410	10.64	ng		98
35) Caprolactam	8.55	113	27167	9.48	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	97296	9.73	ng		96
37) 2-Methylnaphthalene	8.86	142	217488	9.68	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	116215	11.96	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	48641	11.18	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	68502	10.22	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	68902	10.70	ng	#	91
45) 1,1'-Biphenyl	9.33	154	311483	12.04	ng		95
46) 2-Chloronaphthalene	9.35	162	229742	12.13	ng		95
47) 2-Nitroaniline	9.44	65	74598	11.60	ng		98
48) Acenaphthylene	9.76	152	350866	11.56	ng		99
49) Dimethylphthalate	9.62	163	263574	11.77	ng		99
50) 2,6-Dinitrotoluene	9.68	165	56154	11.48	ng		87
51) Acenaphthene	9.93	154	228368	11.05	ng		98
52) 3-Nitroaniline	9.84	138	57443	10.92	ng	#	77
53) 2,4-Dinitrophenol	9.94	184	16119	9.08	ng	#	1
54) Dibenzofuran	10.10	168	311357	10.71	ng		95
55) 4-Nitrophenol	10.00	139	41945	11.06	ng	#	69
56) 2,4-Dinitrotoluene	10.08	165	77300	12.49	ng		94
57) Fluorene	10.45	166	262905	11.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60200	10.63	ng		96
59) Diethylphthalate	10.32	149	240777	10.68	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	120612	11.77	ng		99
61) 4-Nitroaniline	10.45	138	54789	11.16	ng		90
62) Azobenzene	10.60	77	221793	9.70	ng		80
64) 4,6-Dinitro-2-methylphenol	10.48	198	27949	9.31	ng		98
65) n-Nitrosodiphenylamine	10.56	169	211205	10.50	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	72758	10.05	ng		94
67) Hexachlorobenzene	11.00	284	82387	10.38	ng	#	89
68) Atrazine	11.09	200	71780	13.52	ng		92
69) Pentachlorophenol	11.19	266	46688	9.94	ng		96
70) Phenanthrene	11.41	178	381876	11.11	ng		98
71) Anthracene	11.45	178	363635	10.35	ng		98
72) Carbazole	11.61	167	359414	11.50	ng	#	96
73) Di-n-butylphthalate	11.96	149	393769	10.88	ng	#	97
74) Fluoranthene	12.60	202	381570	10.92	ng		95
76) Benzidine	12.71	184	165045	15.84	ng		98
77) Pyrene	12.81	202	392812	9.89	ng		98
79) Butylbenzylphthalate	13.44	149	153560	9.66	ng		93
80) Benzo(a)anthracene	14.00	228	340378	11.16	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	125860	12.51	ng		97
82) Chrysene	14.04	228	323208	11.21	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	200484	10.13	ng	#	93
84) Di-n-octyl phthalate	14.62	149	330771	10.62	ng		95
85) Indeno(1,2,3-cd)pyrene	16.84	276	234647	9.45	ng		96
87) Benzo(b)fluoranthene	15.03	252	269919m	10.26	ng		
88) Benzo(k)fluoranthene	15.05	252	269159m	12.53	ng		
89) Benzo(a)pyrene	15.39	252	245993	11.00	ng	#	94
90) Dibenzo(a,h)anthracene	16.86	278	201212	9.74	ng	#	95
91) Benzo(g,h,i)perylene	17.26	276	200658	9.79	ng		99

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

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