Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090130.D
Acq On : 20 Sep 2016 11:10
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
sohil
9/21/2016 4:17:19 PM

Quant Time: Sep 20 13:45:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 13:15:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	155153m	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	624072m	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	369420	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	540575	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	446886	20.00	ng		0.00
86) Perylene-d12	14.96	264	369164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	197648	20.49	ng		0.00
7) Phenol-d6	6.17	99	253888	20.10	ng		0.00
23) Nitrobenzene-d5	7.08	82	217017	19.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	61456	16.56	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	457526	19.45	ng		0.00
78) Terphenyl-d14	12.61	244	384141	20.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	60628	12.04	ng	#	81
3) Pyridine	2.56	79	91492	7.97	ng	#	94
4) n-Nitrosodimethylamine	2.49	42	30613	8.58	ng	#	94
6) Aniline	6.17	93	155161m	9.90	ng		
8) 2-Chlorophenol	6.30	128	115799	10.42	ng		92
9) Benzaldehyde	6.06	77	48510m	7.21	ng		
10) Phenol	6.18	94	137299	9.69	ng		84
11) bis(2-Chloroethyl)ether	6.26	93	113823	10.01	ng		93
12) 1,3-Dichlorobenzene	6.46	146	119860m	10.48	ng		
13) 1,4-Dichlorobenzene	6.54	146	123087m	10.43	ng		
14) 1,2-Dichlorobenzene	6.68	146	117565	10.96	ng	#	91
15) Benzyl Alcohol	6.67	79	76964	10.82	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	134626	9.99	ng		97
17) 2-Methylphenol	6.80	107	85173	9.37	ng		97
18) Hexachloroethane	7.03	117	40897	9.55	ng		94
19) n-Nitroso-di-n-propylamine	6.95	70	63616	8.11	ng		98
20) 3+4-Methylphenols	6.96	107	104893	9.50	ng		96
22) Acetophenone	6.94	105	155600	10.30	ng	#	97
24) Nitrobenzene	7.11	77	111425	9.53	ng		90
25) Isophorone	7.35	82	210251	9.05	ng		94
26) 2-Nitrophenol	7.43	139	53806	9.49	ng		99
27) 2,4-Dimethylphenol	7.48	122	104785	10.50	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	143216	10.51	ng		96
29) 2,4-Dichlorophenol	7.68	162	87176	9.89	ng		97
30) 1,2,4-Trichlorobenzene	7.76	180	88638	10.20	ng	#	95
31) Naphthalene	7.83	128	332044	10.82	ng		98
32) Benzoic acid	7.58	122	46406	6.47	ng		96
33) 4-Chloroaniline	7.88	127	121628	9.32	ng		97
34) Hexachlorobutadiene	7.95	225	45566	10.24	ng		98
35) Caprolactam	8.23	113	27710	9.42	ng		98
36) 4-Chloro-3-methylphenol	8.38	107	98992	9.68	ng		94
37) 2-Methylnaphthalene	8.52	142	195959	10.30	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	83444	8.78	ng		97
40) Hexachlorocyclopentadiene	8.68	237	29887	6.05	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	55651	8.08	ng		97
43) 2,4,5-Trichlorophenol	8.84	196	59787	8.07	ng	#	94
45) 1,1'-Biphenyl	8.98	154	265663	8.79	ng		99
46) 2-Chloronaphthalene	9.00	162	196776	8.78	ng		97
47) 2-Nitroaniline	9.11	65	51721	7.23	ng		99
48) Acenaphthylene	9.42	152	323447	8.60	ng		97
49) Dimethylphthalate	9.29	163	230730	8.41	ng		100
50) 2,6-Dinitrotoluene	9.35	165	48884	7.97	ng	#	85
51) Acenaphthene	9.59	154	185762	8.84	ng		99
52) 3-Nitroaniline	9.52	138	55300	7.41	ng		95
53) 2,4-Dinitrophenol	9.62	184	16600	4.98	ng	#	80
54) Dibenzofuran	9.76	168	266174	9.16	ng		96
55) 4-Nitrophenol	9.70	139	27590m	5.26	ng		
56) 2,4-Dinitrotoluene	9.75	165	62828	8.40	ng	#	83
57) Fluorene	10.09	166	212229	9.31	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	43774	7.75	ng		97
59) Diethylphthalate	9.99	149	216816	8.16	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	88737	9.23	ng	#	76
61) 4-Nitroaniline	10.11	138	56340	7.46	ng		80
62) Azobenzene	10.25	77	229543	8.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.15	198	28808	8.71	ng	#	68
65) n-Nitrosodiphenylamine	10.22	169	194670	11.37	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	56752	10.89	ng		97
67) Hexachlorobenzene	10.64	284	68331	11.13	ng		92
68) Atrazine	10.74	200	48430	9.52	ng		92
69) Pentachlorophenol	10.83	266	33429	9.29	ng		97
70) Phenanthrene	11.04	178	280349	10.73	ng		99
71) Anthracene	11.10	178	307220	10.77	ng		97
72) Carbazole	11.26	167	293373	10.03	ng		98
73) Di-n-butylphthalate	11.61	149	345800	10.54	ng	#	97
74) Fluoranthene	12.22	202	301296	11.01	ng		97
76) Benzidine	12.35	184	119545	6.56	ng		98
77) Pyrene	12.43	202	301323	9.24	ng		98
79) Butylbenzylphthalate	13.09	149	146960	9.05	ng		89
80) Benzo(a)anthracene	13.62	228	212971	8.16	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	91504	8.37	ng		100
82) Chrysene	13.66	228	237753m	9.72	ng		
83) Bis(2-ethylhexyl)phthalate	13.66	149	177443	8.83	ng	#	97
84) Di-n-octyl phthalate	14.26	149	290374	8.09	ng		99
85) Indeno(1,2,3-cd)pyrene	16.11	276	167005	7.86	ng		98
87) Benzo(b)fluoranthene	14.61	252	181123m	8.37	ng		
88) Benzo(k)fluoranthene	14.63	252	224234m	11.51	ng		
89) Benzo(a)pyrene	14.90	252	184706	9.52	ng	#	96
90) Dibenzo(a,h)anthracene	16.14	278	138645	9.12	ng		99
91) Benzo(g,h,i)perylene	16.46	276	129450	8.92	ng		98

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

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