Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082143.D
Acq On : 9 Oct 2015 13:52
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:43:08 PM

Quant Time: Oct 09 22:47:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145278	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	582647	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	285765	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	542255	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	483032	20.00	ng		-0.02
86) Perylene-d12	15.48	264	393174	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	543709	67.94	ng		-0.02
7) Phenol-d6	6.49	99	725497	72.04	ng		-0.01
23) Nitrobenzene-d5	7.43	82	661149	75.64	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	228239	78.86	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1282511	73.08	ng		-0.02
78) Terphenyl-d14	12.97	244	1348703	92.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	130267	37.43	ng		88
3) Pyridine	3.18	79	350422	38.67	ng		85
4) n-Nitrosodimethylamine	3.15	42	145142	35.27	ng		96
6) Aniline	6.53	93	488628	36.12	ng		91
8) 2-Chlorophenol	6.64	128	340455	38.52	ng		97
9) Benzaldehyde	6.40	77	195851	29.70	ng	#	81
10) Phenol	6.50	94	389033	34.44	ng	#	51
11) bis(2-Chloroethyl)ether	6.59	93	341579	38.99	ng		97
12) 1,3-Dichlorobenzene	6.79	146	383278m	36.72	ng		
13) 1,4-Dichlorobenzene	6.87	146	406486m	37.29	ng		
14) 1,2-Dichlorobenzene	7.03	146	367146	37.80	ng		99
15) Benzyl Alcohol	7.01	79	265128	36.47	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.13	45	477251	38.54	ng		78
17) 2-Methylphenol	7.12	107	275938	38.51	ng	#	85
18) Hexachloroethane	7.36	117	133935	39.25	ng	#	87
19) n-Nitroso-di-n-propylamine	7.28	70	240377	39.27	ng	#	77
20) 3+4-Methylphenols	7.27	107	309887	34.24	ng	#	59
22) Acetophenone	7.27	105	446158	37.45	ng	#	72
24) Nitrobenzene	7.45	77	377281	39.75	ng	#	77
25) Isophorone	7.69	82	685728	39.58	ng	#	93
26) 2-Nitrophenol	7.76	139	195582	42.93	ng	#	62
27) 2,4-Dimethylphenol	7.81	122	310213	38.71	ng	#	85
28) bis(2-Chloroethoxy)methane	7.90	93	408179	39.68	ng	#	94
29) 2,4-Dichlorophenol	8.00	162	297539	38.29	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	329951	38.03	ng		97
31) Naphthalene	8.16	128	941655	36.47	ng		97
32) Benzoic acid	7.95	122	216290	45.56	ng	#	72
33) 4-Chloroaniline	8.22	127	408352	36.58	ng	#	89
34) Hexachlorobutadiene	8.27	225	198988	38.78	ng		97
35) Caprolactam	8.62	113	85960	39.95	ng	#	80
36) 4-Chloro-3-methylphenol	8.71	107	321655	42.33	ng		89
37) 2-Methylnaphthalene	8.86	142	679485	38.56	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	328938	37.49	ng		98
40) Hexachlorocyclopentadiene	9.01	237	172085	38.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	224069	37.26	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	250633m	40.52	ng		
45) 1,1'-Biphenyl	9.33	154	859383	38.98	ng		94
46) 2-Chloronaphthalene	9.35	162	656120	37.90	ng		94
47) 2-Nitroaniline	9.45	65	207965	40.92	ng	#	80
48) Acenaphthylene	9.76	152	962220	34.73	ng		95
49) Dimethylphthalate	9.63	163	803067	40.71	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	161613	37.74	ng	#	55
51) Acenaphthene	9.93	154	631881	38.41	ng		90
52) 3-Nitroaniline	9.86	138	187023	37.75	ng	#	60
53) 2,4-Dinitrophenol	9.98	184	98269	58.15	ng	#	83
54) Dibenzofuran	10.10	168	808324	34.76	ng	#	83
55) 4-Nitrophenol	10.03	139	123408	34.47	ng	#	73
56) 2,4-Dinitrotoluene	10.10	165	227529	41.68	ng	#	88
57) Fluorene	10.45	166	652525	38.95	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.23	232	208438	42.49	ng		92
59) Diethylphthalate	10.33	149	787743	42.75	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	333414	39.17	ng		97
61) 4-Nitroaniline	10.49	138	195799	39.41	ng	#	52
62) Azobenzene	10.61	77	731397	40.67	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	131340	52.28	ng	#	60
65) n-Nitrosodiphenylamine	10.57	169	645245	39.33	ng		92
66) 4-Bromophenyl-phenylether	10.94	248	225904	41.32	ng	#	86
67) Hexachlorobenzene	10.99	284	229622	37.21	ng	#	87
68) Atrazine	11.10	200	220651	43.35	ng		84
69) Pentachlorophenol	11.19	266	138174	39.30	ng		97
70) Phenanthrene	11.42	178	1062649	40.56	ng		96
71) Anthracene	11.46	178	1047946	38.02	ng		96
72) Carbazole	11.62	167	958152	38.41	ng		94
73) Di-n-butylphthalate	11.94	149	1192575	47.00	ng	#	97
74) Fluoranthene	12.61	202	1087023	37.42	ng		86
76) Benzidine	12.73	184	576379	39.60	ng	#	98
77) Pyrene	12.84	202	1145850	39.71	ng		96
79) Butylbenzylphthalate	13.45	149	529297	48.75	ng		94
80) Benzo(a)anthracene	14.02	228	1001368	38.50	ng		96
81) 3,3'-Dichlorobenzidine	13.99	252	363158	41.34	ng	#	95
82) Chrysene	14.06	228	865831	33.97	ng		94
83) Bis(2-ethylhexyl)phthalate	14.01	149	698053	51.25	ng		96
84) Di-n-octyl phthalate	14.62	149	1167631	52.68	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.90	276	771562	37.92	ng	#	87
87) Benzo(b)fluoranthene	15.05	252	940130	41.88	ng	#	88
88) Benzo(k)fluoranthene	15.09	252	735292m	35.74	ng		
89) Benzo(a)pyrene	15.42	252	778465	39.98	ng	#	85
90) Dibenzo(a,h)anthracene	16.92	278	642784	39.34	ng	#	81
91) Benzo(g,h,i)perylene	17.33	276	614739	36.72	ng	#	77

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

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