Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082758.D
Acq On : 6 Nov 2015 13:27
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:10 PM

Quant Time: Nov 06 14:24:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 13:33:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160586	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	646281	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	319141	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	634390	20.00	ng		0.00
75) Chrysene-d12	14.02	240	570161	20.00	ng		0.00
86) Perylene-d12	15.45	264	462608	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1097239	51.32	ng		0.00
7) Phenol-d6	6.49	99	1627134	58.28	ng		0.01
23) Nitrobenzene-d5	7.42	82	1634480	53.72	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	426395	59.36	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2481964	55.40	ng		0.00
78) Terphenyl-d14	12.97	244	2515472	49.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	258318	57.47	ng		96
3) Pyridine	3.15	79	750918	57.81	ng		98
4) n-Nitrosodimethylamine	3.12	42	391791	61.56	ng		88
6) Aniline	6.52	93	1131100	57.78	ng		97
8) 2-Chlorophenol	6.64	128	624732	53.65	ng	#	80
9) Benzaldehyde	6.40	77	417098	47.91	ng		91
10) Phenol	6.51	94	940693	59.58	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	603900	50.75	ng		94
12) 1,3-Dichlorobenzene	6.80	146	762395m	57.78	ng		
13) 1,4-Dichlorobenzene	6.88	146	785330m	58.12	ng		
14) 1,2-Dichlorobenzene	7.02	146	641872	51.10	ng		95
15) Benzyl Alcohol	7.00	79	728450	59.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	953386	54.35	ng		97
17) 2-Methylphenol	7.12	107	562241	57.35	ng		100
18) Hexachloroethane	7.37	117	266145	53.84	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	628218	62.08	ng	#	83
20) 3+4-Methylphenols	7.28	107	783857	60.79	ng		92
22) Acetophenone	7.28	105	1073022	56.57	ng		94
24) Nitrobenzene	7.45	77	850397	54.96	ng		93
25) Isophorone	7.69	82	1569719	56.07	ng		98
26) 2-Nitrophenol	7.76	139	365556	55.89	ng	#	79
27) 2,4-Dimethylphenol	7.80	122	668033	56.90	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	790439	49.24	ng		98
29) 2,4-Dichlorophenol	8.00	162	567593	54.76	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	675675	57.54	ng		95
31) Naphthalene	8.17	128	2074023	56.64	ng		100
32) Benzoic acid	7.95	122	484463	63.93	ng		94
33) 4-Chloroaniline	8.21	127	865561	53.93	ng	#	91
34) Hexachlorobutadiene	8.29	225	410125	56.19	ng		99
35) Caprolactam	8.60	113	180529	55.29	ng	#	88
36) 4-Chloro-3-methylphenol	8.70	107	692297	55.65	ng	#	78
37) 2-Methylnaphthalene	8.85	142	1157126	48.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	628306	58.63	ng		97
40) Hexachlorocyclopentadiene	9.01	237	356379	65.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	481309	62.42	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	450882	58.57	ng	#	92
45) 1,1'-Biphenyl	9.32	154	1574865	55.34	ng		96
46) 2-Chloronaphthalene	9.34	162	1248059	57.04	ng		97
47) 2-Nitroaniline	9.44	65	491585	61.16	ng	#	84
48) Acenaphthylene	9.76	152	1859044	55.12	ng		100
49) Dimethylphthalate	9.63	163	1565685	59.25	ng		100
50) 2,6-Dinitrotoluene	9.69	165	373114	67.75	ng	#	65
51) Acenaphthene	9.93	154	1201206	57.10	ng		99
52) 3-Nitroaniline	9.85	138	332292	53.96	ng		87
53) 2,4-Dinitrophenol	9.95	184	183532	65.23	ng	#	30
54) Dibenzofuran	10.10	168	1610287	56.17	ng		97
55) 4-Nitrophenol	10.01	139	260262	55.41	ng	#	85
56) 2,4-Dinitrotoluene	10.09	165	484272	63.99	ng	#	90
57) Fluorene	10.44	166	1271182	54.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	404135	65.11	ng	#	89
59) Diethylphthalate	10.33	149	1568400	60.65	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	723681	62.74	ng		99
61) 4-Nitroaniline	10.46	138	344953	54.45	ng		87
62) Azobenzene	10.60	77	1768626	65.75	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	315028	71.21	ng		97
65) n-Nitrosodiphenylamine	10.56	169	1153134	48.71	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	411309	53.25	ng	#	67
67) Hexachlorobenzene	11.00	284	487169	57.08	ng	#	55
68) Atrazine	11.08	200	392684	54.36	ng		97
69) Pentachlorophenol	11.18	266	326231	63.67	ng		100
70) Phenanthrene	11.40	178	1875979	48.53	ng		100
71) Anthracene	11.46	178	2266768	56.75	ng		100
72) Carbazole	11.61	167	1824543	50.56	ng		99
73) Di-n-butylphthalate	11.95	149	2481185	57.85	ng	#	98
74) Fluoranthene	12.59	202	2194741	52.90	ng		99
76) Benzidine	12.70	184	1004551	49.55	ng		96
77) Pyrene	12.82	202	2237879	55.20	ng		100
79) Butylbenzylphthalate	13.44	149	970208	56.77	ng		95
80) Benzo(a)anthracene	14.01	228	1917724	51.97	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	764634	58.54	ng	#	96
82) Chrysene	14.04	228	1675153	50.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1357658	56.27	ng		99
84) Di-n-octyl phthalate	14.63	149	2169181	53.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1593052	55.76	ng		99
87) Benzo(b)fluoranthene	15.05	252	1803083	61.55	ng		99
88) Benzo(k)fluoranthene	15.07	252	1434848m	52.68	ng		
89) Benzo(a)pyrene	15.39	252	1505405	58.00	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	1318208	60.82	ng		98
91) Benzo(g,h,i)perylene	17.27	276	1246914	60.12	ng		99

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

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