Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083341.D
Acq On : 30 Nov 2015 18:36
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:48 PM

Quant Time: Dec 01 00:57:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 00:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	154804	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	595509	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	306093	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	584890	20.00	ng		0.00
75) Chrysene-d12	14.75	240	548760	20.00	ng		-0.01
86) Perylene-d12	16.82	264	403293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	533242	50.32	ng		0.00
7) Phenol-d6	6.21	99	709059	50.75	ng		-0.01
23) Nitrobenzene-d5	7.13	82	710557	52.71	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	158762	55.61	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1213750	56.64	ng		0.00
78) Terphenyl-d14	13.22	244	1172483	43.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	133984	90.05	ng		97
3) Pyridine	2.57	79	369049	27.55	ng		98
4) n-Nitrosodimethylamine	2.51	42	170889	24.89	ng		99
6) Aniline	6.21	93	493530	25.90	ng		99
8) 2-Chlorophenol	6.34	128	295010	25.80	ng		95
9) Benzaldehyde	6.09	77	206247	28.24	ng		100
10) Phenol	6.22	94	430649	25.60	ng		81
11) bis(2-Chloroethyl)ether	6.29	93	322270	25.89	ng		93
12) 1,3-Dichlorobenzene	6.49	146	327044	26.06	ng		98
13) 1,4-Dichlorobenzene	6.57	146	341234	26.05	ng		98
14) 1,2-Dichlorobenzene	6.72	146	304539m	25.25	ng		
15) Benzyl Alcohol	6.72	79	277007	25.72	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	553456	25.54	ng	#	52
17) 2-Methylphenol	6.84	107	245984	26.33	ng		98
18) Hexachloroethane	7.06	117	118712	25.50	ng		98
19) n-Nitroso-di-n-propylamine	6.98	70	264955	26.63	ng		90
20) 3+4-Methylphenols	7.00	107	336229	26.56	ng		97
22) Acetophenone	6.97	105	448013	25.27	ng	#	91
24) Nitrobenzene	7.14	77	372091	25.48	ng	#	88
25) Isophorone	7.38	82	657401	25.18	ng		95
26) 2-Nitrophenol	7.46	139	154811	25.81	ng		96
27) 2,4-Dimethylphenol	7.52	122	251702	25.24	ng		94
28) bis(2-Chloroethoxy)methane	7.61	93	412311	28.07	ng		98
29) 2,4-Dichlorophenol	7.71	162	260188	27.31	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	260894	25.22	ng	#	95
31) Naphthalene	7.86	128	866321	26.51	ng		99
32) Benzoic acid	7.65	122	177706	33.65	ng		99
33) 4-Chloroaniline	7.93	127	351200	25.84	ng		97
34) Hexachlorobutadiene	7.98	225	155462	26.21	ng		98
35) Caprolactam	8.29	113	82216	29.97	ng	#	74
36) 4-Chloro-3-methylphenol	8.42	107	280792	26.76	ng	#	83
37) 2-Methylnaphthalene	8.54	142	540200	25.62	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	252101	25.37	ng		99
40) Hexachlorocyclopentadiene	8.70	237	116048	26.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	188084	27.38	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	188731	26.80	ng		94
45) 1,1'-Biphenyl	9.01	154	658899	24.10	ng		95
46) 2-Chloronaphthalene	9.04	162	559934	27.12	ng		97
47) 2-Nitroaniline	9.14	65	203819	25.25	ng	#	68
48) Acenaphthylene	9.45	152	893161	27.81	ng		99
49) Dimethylphthalate	9.33	163	669629	29.16	ng		98
50) 2,6-Dinitrotoluene	9.39	165	142663	27.32	ng	#	81
51) Acenaphthene	9.62	154	515248	27.57	ng		99
52) 3-Nitroaniline	9.56	138	162015	26.48	ng		79
53) 2,4-Dinitrophenol	9.66	184	72039	39.06	ng	#	79
54) Dibenzofuran	9.79	168	727430	27.16	ng		96
55) 4-Nitrophenol	9.74	139	105885	33.76	ng	#	80
56) 2,4-Dinitrotoluene	9.79	165	190252	29.58	ng	#	82
57) Fluorene	10.13	166	619114	28.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	150445	27.40	ng		99
59) Diethylphthalate	10.03	149	633992	28.19	ng		97
60) 4-Chlorophenyl-phenylether	10.13	204	288291	28.58	ng		97
61) 4-Nitroaniline	10.17	138	162095	28.65	ng		92
62) Azobenzene	10.29	77	759936	26.88	ng		95
64) 4,6-Dinitro-2-methylphenol	10.20	198	102085	29.52	ng	#	70
65) n-Nitrosodiphenylamine	10.25	169	516948	24.21	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	167123	25.55	ng		95
67) Hexachlorobenzene	10.69	284	183153	24.76	ng	#	70
68) Atrazine	10.82	200	154392	26.98	ng		98
69) Pentachlorophenol	10.92	266	102690	31.01	ng		99
70) Phenanthrene	11.15	178	898356	26.12	ng		99
71) Anthracene	11.22	178	946595	26.69	ng		99
72) Carbazole	11.41	167	854786	28.56	ng		98
73) Di-n-butylphthalate	11.86	149	1033748	29.11	ng		100
74) Fluoranthene	12.66	202	938589	28.93	ng		97
76) Benzidine	12.87	184	471895	24.73	ng		100
77) Pyrene	12.97	202	975645	21.89	ng		99
79) Butylbenzylphthalate	13.96	149	423213	24.97	ng		96
80) Benzo(a)anthracene	14.74	228	872105	25.10	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	288481	26.58	ng		98
82) Chrysene	14.80	228	850571	25.60	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	593343	27.75	ng		99
84) Di-n-octyl phthalate	15.85	149	904127	26.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	578472	16.21	ng	#	100
87) Benzo(b)fluoranthene	16.31	252	737627	26.35	ng		97
88) Benzo(k)fluoranthene	16.34	252	623036m	29.61	ng		
89) Benzo(a)pyrene	16.74	252	595898	27.07	ng	#	97
90) Dibenzo(a,h)anthracene	18.23	278	482815	20.26	ng		98
91) Benzo(g,h,i)perylene	18.57	276	460965	19.21	ng		97

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

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