Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083994.D
Acq On : 22 Dec 2015 16:16
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
apatel
12/23/2015 4:26:43 PM

Quant Time: Dec 22 18:35:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 16:42:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	61302	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	205833	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	109541	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	162384	20.00	ng		0.00
75) Chrysene-d12	14.00	240	139238	20.00	ng		0.00
86) Perylene-d12	15.43	264	106409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	272815	37.23	ng		0.00
7) Phenol-d6	6.48	99	324668	36.94	ng		0.00
23) Nitrobenzene-d5	7.39	82	268467	40.08	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	84949	41.87	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	653157	38.04	ng		0.00
78) Terphenyl-d14	12.93	244	521113	43.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	62003	36.05	ng		98
3) Pyridine	3.10	79	142968	42.31	ng		99
4) n-Nitrosodimethylamine	3.05	42	53059	40.20	ng		98
6) Aniline	6.49	93	207182	33.52	ng	#	61
8) 2-Chlorophenol	6.61	128	156769	36.57	ng		93
9) Benzaldehyde	6.37	77	111154	37.04	ng		99
10) Phenol	6.49	94	181960	34.90	ng	#	73
11) bis(2-Chloroethyl)ether	6.57	93	146702	37.44	ng		98
12) 1,3-Dichlorobenzene	6.77	146	173792	37.02	ng		100
13) 1,4-Dichlorobenzene	6.84	146	177009	38.38	ng		98
14) 1,2-Dichlorobenzene	7.00	146	174959	37.95	ng		99
15) Benzyl Alcohol	6.98	79	141384	41.93	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	149932	39.42	ng		96
17) 2-Methylphenol	7.09	107	125806	36.39	ng		97
18) Hexachloroethane	7.34	117	59829	36.12	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	96900	37.60	ng	#	83
20) 3+4-Methylphenols	7.25	107	157558	36.96	ng	#	55
22) Acetophenone	7.24	105	211444	42.15	ng	#	94
24) Nitrobenzene	7.41	77	145305	41.44	ng		98
25) Isophorone	7.65	82	270321	42.44	ng		99
26) 2-Nitrophenol	7.73	139	88928	47.21	ng		97
27) 2,4-Dimethylphenol	7.78	122	158596	46.87	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	181910	45.65	ng		99
29) 2,4-Dichlorophenol	7.98	162	130047	44.53	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	134283	44.20	ng	#	94
31) Naphthalene	8.13	128	422222	38.55	ng		100
32) Benzoic acid	7.90	122	63147	61.73	ng		95
33) 4-Chloroaniline	8.19	127	195091	44.04	ng	#	92
34) Hexachlorobutadiene	8.26	225	73929	39.26	ng		98
35) Caprolactam	8.56	113	37588	44.40	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	144572	48.46	ng		94
37) 2-Methylnaphthalene	8.83	142	323975	46.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	139976	42.50	ng		96
40) Hexachlorocyclopentadiene	8.99	237	31623	58.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	81325	40.64	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	86922	41.70	ng		96
45) 1,1'-Biphenyl	9.30	154	377987	36.97	ng		95
46) 2-Chloronaphthalene	9.32	162	291262	39.48	ng		90
47) 2-Nitroaniline	9.41	65	77989	40.00	ng	#	85
48) Acenaphthylene	9.73	152	463184	40.76	ng		99
49) Dimethylphthalate	9.60	163	307152	33.87	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	65194	34.56	ng	#	59
51) Acenaphthene	9.90	154	269025	40.12	ng		99
52) 3-Nitroaniline	9.82	138	75619	39.53	ng		90
53) 2,4-Dinitrophenol	9.94	184	26210	49.91	ng		93
54) Dibenzofuran	10.08	168	412465	39.20	ng		95
55) 4-Nitrophenol	10.00	139	46241	43.43	ng	#	71
56) 2,4-Dinitrotoluene	10.06	165	102058	45.04	ng		85
57) Fluorene	10.42	166	325470	39.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	67939	44.21	ng		93
59) Diethylphthalate	10.29	149	322863	37.38	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	137239	35.76	ng	#	87
61) 4-Nitroaniline	10.44	138	84851	43.67	ng		88
62) Azobenzene	10.57	77	288559	38.80	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	46971m	59.69	ng		
65) n-Nitrosodiphenylamine	10.53	169	277072	44.38	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	89746	46.48	ng	#	89
67) Hexachlorobenzene	10.97	284	86930	41.25	ng	#	82
68) Atrazine	11.06	200	81442	43.59	ng		94
69) Pentachlorophenol	11.16	266	25768	54.60	ng		97
70) Phenanthrene	11.38	178	378656	39.29	ng		99
71) Anthracene	11.43	178	360032	37.14	ng		99
72) Carbazole	11.59	167	362260	39.98	ng		99
73) Di-n-butylphthalate	11.92	149	457131	39.75	ng	#	98
74) Fluoranthene	12.57	202	395923	42.08	ng		94
76) Benzidine	12.68	184	226278	46.74	ng		99
77) Pyrene	12.80	202	429333	46.86	ng		100
79) Butylbenzylphthalate	13.40	149	191728	46.71	ng		89
80) Benzo(a)anthracene	13.99	228	328900	40.27	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	130335	43.67	ng	#	96
82) Chrysene	14.02	228	310832	41.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	266157	44.50	ng	#	97
84) Di-n-octyl phthalate	14.58	149	388290	42.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	266540	44.54	ng		99
87) Benzo(b)fluoranthene	15.01	252	272633m	39.94	ng		
88) Benzo(k)fluoranthene	15.04	252	253263m	38.70	ng		
89) Benzo(a)pyrene	15.36	252	256164	40.38	ng	#	93
90) Dibenzo(a,h)anthracene	16.83	278	224798	46.06	ng		100
91) Benzo(g,h,i)perylene	17.25	276	205898	42.18	ng		99

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

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