Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080706.D
Acq On : 30 Jul 2015 22:18
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:11 AM

Quant Time: Jul 31 01:33:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:18:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	179536	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	669891	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	344834	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	609682	20.00	ng		0.00
75) Chrysene-d12	14.00	240	399282	20.00	ng		0.00
86) Perylene-d12	15.41	264	343116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	527549	47.55	ng		0.00
7) Phenol-d6	6.48	99	705135	56.20	ng		-0.01
23) Nitrobenzene-d5	7.41	82	720627	54.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	169926	53.32	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1235300	46.20	ng		0.00
78) Terphenyl-d14	12.96	244	1105739	46.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	134289	27.70	ng		98
3) Pyridine	3.22	79	386039	30.98	ng		98
4) n-Nitrosodimethylamine	3.16	42	210213	26.77	ng		100
6) Aniline	6.51	93	536039	30.29	ng		95
8) 2-Chlorophenol	6.64	128	318492	28.38	ng		93
9) Benzaldehyde	6.40	77	247816	29.83	ng		85
10) Phenol	6.49	94	373959	26.03	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	331675	32.94	ng		95
12) 1,3-Dichlorobenzene	6.80	146	357681	26.53	ng		97
13) 1,4-Dichlorobenzene	6.88	146	359782	26.85	ng		98
14) 1,2-Dichlorobenzene	7.02	146	326662	26.20	ng		97
15) Benzyl Alcohol	6.99	79	289467	28.09	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	672364	34.64	ng		99
17) 2-Methylphenol	7.10	107	260008	32.25	ng		98
18) Hexachloroethane	7.37	117	129079	28.87	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	246007	32.74	ng		94
20) 3+4-Methylphenols	7.25	107	318510	29.23	ng	#	77
22) Acetophenone	7.26	105	431084	25.37	ng	#	85
24) Nitrobenzene	7.44	77	411132	32.06	ng		96
25) Isophorone	7.68	82	659382	31.72	ng		99
26) 2-Nitrophenol	7.76	139	160699m	30.06	ng		
27) 2,4-Dimethylphenol	7.79	122	292989m	28.99	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	406826	32.88	ng		99
29) 2,4-Dichlorophenol	8.00	162	243092	28.24	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	260842	24.38	ng		98
31) Naphthalene	8.16	128	819001	24.98	ng		99
32) Benzoic acid	7.88	122	186152m	34.64	ng		
33) 4-Chloroaniline	8.20	127	348766	28.65	ng	#	85
34) Hexachlorobutadiene	8.28	225	181489	27.04	ng		99
35) Caprolactam	8.57	113	70470	36.64	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	270333	30.94	ng		95
37) 2-Methylnaphthalene	8.85	142	577173	27.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	251044	20.36	ng		98
40) Hexachlorocyclopentadiene	9.00	237	157793	19.96	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	201590	24.36	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	199520	25.90	ng		96
45) 1,1'-Biphenyl	9.31	154	602881	21.15	ng		96
46) 2-Chloronaphthalene	9.33	162	505142	21.25	ng	#	91
47) 2-Nitroaniline	9.42	65	187904	30.65	ng	#	72
48) Acenaphthylene	9.76	152	874151	23.16	ng		97
49) Dimethylphthalate	9.62	163	622766	27.39	ng		98
50) 2,6-Dinitrotoluene	9.68	165	140965	30.73	ng	#	75
51) Acenaphthene	9.93	154	527754	23.52	ng		100
52) 3-Nitroaniline	9.84	138	137094	26.30	ng	#	54
53) 2,4-Dinitrophenol	9.94	184	69999	49.89	ng	#	80
54) Dibenzofuran	10.10	168	689114	22.54	ng		93
55) 4-Nitrophenol	9.98	139	100149	27.54	ng	#	56
56) 2,4-Dinitrotoluene	10.08	165	172206	31.65	ng	#	68
57) Fluorene	10.43	166	503916	21.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	143848	27.16	ng		99
59) Diethylphthalate	10.32	149	606167	27.94	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	262872	25.73	ng		92
61) 4-Nitroaniline	10.44	138	128662	28.46	ng		95
62) Azobenzene	10.59	77	646067	30.19	ng		95
64) 4,6-Dinitro-2-methylphenol	10.48	198	93608	36.89	ng	#	74
65) n-Nitrosodiphenylamine	10.54	169	483873	23.35	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	167515	25.51	ng		94
67) Hexachlorobenzene	10.98	284	176163	23.09	ng		91
68) Atrazine	11.07	200	138156	32.62	ng		99
69) Pentachlorophenol	11.17	266	117337	35.60	ng		98
70) Phenanthrene	11.39	178	745826	21.80	ng		98
71) Anthracene	11.45	178	824328	24.46	ng		99
72) Carbazole	11.60	167	675244	24.08	ng		100
73) Di-n-butylphthalate	11.94	149	877219	29.61	ng		99
74) Fluoranthene	12.58	202	790378	28.17	ng		97
76) Benzidine	12.69	184	372092	30.62	ng		99
77) Pyrene	12.81	202	791456	23.42	ng		99
79) Butylbenzylphthalate	13.42	149	289371	27.98	ng		96
80) Benzo(a)anthracene	13.99	228	587025	24.80	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	198156	30.65	ng		97
82) Chrysene	14.02	228	544171	22.98	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	377684	29.06	ng		99
84) Di-n-octyl phthalate	14.60	149	622973	37.04	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	436344	38.18	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	551921	23.15	ng	#	97
88) Benzo(k)fluoranthene	15.04	252	425740m	18.79	ng		
89) Benzo(a)pyrene	15.36	252	441771	23.65	ng	#	98
90) Dibenzo(a,h)anthracene	16.81	278	361287	27.27	ng		98
91) Benzo(g,h,i)perylene	17.21	276	350568	27.08	ng	#	95

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

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