Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085084.D
Acq On : 17 Feb 2016 13:15
Operator : SJ/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
2/19/2016 7:56:31 AM

Quant Time: Feb 17 15:12:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 14:23:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	215549	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	843539	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	407494	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	846939	20.00	ng		0.00
75) Chrysene-d12	14.16	240	781389	20.00	ng		0.00
86) Perylene-d12	15.62	264	756877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	628325	50.97	ng		0.00
7) Phenol-d6	6.60	99	788332	47.98	ng		-0.01
23) Nitrobenzene-d5	7.55	82	658187	46.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	262301	62.32	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1533600	53.80	ng		0.00
78) Terphenyl-d14	13.10	244	1460337	38.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	145296	28.61	ng		89
3) Pyridine	3.47	79	409363	34.51	ng		90
4) n-Nitrosodimethylamine	3.42	42	180062	29.50	ng		91
6) Aniline	6.65	93	544564	32.08	ng	#	71
8) 2-Chlorophenol	6.78	128	392974	25.93	ng		90
9) Benzaldehyde	6.54	77	234339	26.48	ng		85
10) Phenol	6.62	94	396632m	20.64	ng		
11) bis(2-Chloroethyl)ether	6.72	93	327059	18.13	ng		84
12) 1,3-Dichlorobenzene	6.94	146	420772	27.92	ng		99
13) 1,4-Dichlorobenzene	7.02	146	402088	23.98	ng		95
14) 1,2-Dichlorobenzene	7.16	146	386562	24.52	ng		99
15) Benzyl Alcohol	7.13	79	322650	32.14	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	539752	21.32	ng		94
17) 2-Methylphenol	7.23	107	287092	26.17	ng	#	87
18) Hexachloroethane	7.51	117	139237	22.53	ng	#	84
19) n-Nitroso-di-n-propylamine	7.40	70	286950	27.73	ng		88
20) 3+4-Methylphenols	7.39	107	399721	28.86	ng	#	86
22) Acetophenone	7.40	105	572262	26.47	ng	#	92
24) Nitrobenzene	7.58	77	407918	26.14	ng		96
25) Isophorone	7.82	82	766209	29.90	ng		95
26) 2-Nitrophenol	7.90	139	127427	17.03	ng	#	81
27) 2,4-Dimethylphenol	7.92	122	327896m	27.09	ng		
28) bis(2-Chloroethoxy)methane	8.02	93	435196	27.36	ng		99
29) 2,4-Dichlorophenol	8.12	162	293531	26.68	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	329948	26.02	ng		99
31) Naphthalene	8.30	128	1011890	24.74	ng		99
32) Benzoic acid	8.02	122	210008m	39.42	ng		
33) 4-Chloroaniline	8.34	127	435634	28.08	ng		97
34) Hexachlorobutadiene	8.42	225	219813	30.95	ng		97
35) Caprolactam	8.70	113	94555	31.97	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	310234	24.87	ng		96
37) 2-Methylnaphthalene	8.99	142	739697	28.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	349328	26.53	ng		98
40) Hexachlorocyclopentadiene	9.15	237	177438	40.52	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	237894	32.77	ng		96
43) 2,4,5-Trichlorophenol	9.30	196	241591	28.60	ng	#	86
45) 1,1'-Biphenyl	9.45	154	883036	23.82	ng		96
46) 2-Chloronaphthalene	9.48	162	677217	25.78	ng		91
47) 2-Nitroaniline	9.56	65	151027	18.63	ng	#	79
48) Acenaphthylene	9.90	152	1172206	28.11	ng		98
49) Dimethylphthalate	9.75	163	749139	24.52	ng		97
50) 2,6-Dinitrotoluene	9.82	165	149057	23.78	ng	#	70
51) Acenaphthene	10.07	154	694050	27.53	ng		98
52) 3-Nitroaniline	9.98	138	164357	23.60	ng		89
53) 2,4-Dinitrophenol	10.08	184	41594	20.04	ng	#	66
54) Dibenzofuran	10.24	168	954378	28.30	ng		95
55) 4-Nitrophenol	10.12	139	144993	32.45	ng	#	76
56) 2,4-Dinitrotoluene	10.20	165	182868	21.42	ng	#	61
57) Fluorene	10.58	166	800300	27.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196589	29.42	ng		92
59) Diethylphthalate	10.46	149	805164	26.59	ng		94
60) 4-Chlorophenyl-phenylether	10.57	204	380470	27.45	ng		97
61) 4-Nitroaniline	10.58	138	160233	25.04	ng		98
62) Azobenzene	10.73	77	729382	25.01	ng		97
64) 4,6-Dinitro-2-methylphenol	10.62	198	70959	15.73	ng		93
65) n-Nitrosodiphenylamine	10.68	169	647668	24.08	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	251278	26.64	ng		99
67) Hexachlorobenzene	11.13	284	284700	28.23	ng	#	80
68) Atrazine	11.21	200	200940	25.78	ng		94
69) Pentachlorophenol	11.31	266	148729	38.35	ng		97
70) Phenanthrene	11.54	178	1122568	24.04	ng		98
71) Anthracene	11.60	178	1147669	23.52	ng		98
72) Carbazole	11.75	167	1072385	26.54	ng		98
73) Di-n-butylphthalate	12.08	149	1283834	24.21	ng		98
74) Fluoranthene	12.73	202	1293673	27.80	ng		97
76) Benzidine	12.84	184	700181	50.89	ng		98
77) Pyrene	12.96	202	1317878	21.09	ng		98
79) Butylbenzylphthalate	13.58	149	506921	19.28	ng	#	85
80) Benzo(a)anthracene	14.15	228	1184206	26.17	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	436879	33.22	ng		98
82) Chrysene	14.18	228	1163013	26.50	ng		97
83) Bis(2-ethylhexyl)phthalate	14.14	149	726922	21.03	ng	#	96
84) Di-n-octyl phthalate	14.74	149	1151509	23.45	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1139010	31.24	ng		100
87) Benzo(b)fluoranthene	15.20	252	1212315	24.43	ng		99
88) Benzo(k)fluoranthene	15.22	252	988788m	24.94	ng		
89) Benzo(a)pyrene	15.57	252	1052483	25.08	ng	#	97
90) Dibenzo(a,h)anthracene	17.13	278	947003	23.78	ng		96
91) Benzo(g,h,i)perylene	17.57	276	907257	21.94	ng		97

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

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