Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085964.D
Acq On : 1 Apr 2016 16:23
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
4/4/2016 7:30:57 PM

Quant Time: Apr 01 18:44:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 18:28:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103606	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	404637	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	199315	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	367421	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	335180	20.00	ng		0.00
86) Perylene-d12	15.33	264	288541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	121919	19.60	ng		0.00
7) Phenol-d6	6.41	99	175349	22.17	ng		-0.01
23) Nitrobenzene-d5	7.34	82	151962	21.15	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	36160	19.09	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	274144	22.98	ng		0.00
78) Terphenyl-d14	12.88	244	293849	18.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	26584	8.95	ng		97
3) Pyridine	3.07	79	59210	8.31	ng		98
4) n-Nitrosodimethylamine	2.97	42	25202	8.84	ng	#	88
6) Aniline	6.43	93	104441	9.81	ng	#	62
8) 2-Chlorophenol	6.56	128	78648	10.88	ng		98
9) Benzaldehyde	6.33	77	46336	9.72	ng		93
10) Phenol	6.42	94	91853	10.25	ng		98
11) bis(2-Chloroethyl)ether	6.51	93	73429	10.65	ng		98
12) 1,3-Dichlorobenzene	6.72	146	75021	9.64	ng		97
13) 1,4-Dichlorobenzene	6.80	146	81512	10.33	ng		93
14) 1,2-Dichlorobenzene	6.94	146	78200	10.63	ng		99
15) Benzyl Alcohol	6.92	79	56185	10.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	92626	10.12	ng		91
17) 2-Methylphenol	7.04	107	63020	10.89	ng		98
18) Hexachloroethane	7.28	117	31863	11.02	ng	#	73
19) n-Nitroso-di-n-propylamine	7.18	70	56819	12.00	ng	#	90
20) 3+4-Methylphenols	7.20	107	77983	11.21	ng	#	81
22) Acetophenone	7.18	105	115531	12.26	ng	#	93
24) Nitrobenzene	7.36	77	86853	11.73	ng		95
25) Isophorone	7.60	82	147844	10.68	ng		98
26) 2-Nitrophenol	7.69	139	37628	10.15	ng	#	88
27) 2,4-Dimethylphenol	7.72	122	75856	11.71	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	90164	11.43	ng		99
29) 2,4-Dichlorophenol	7.93	162	68089	12.51	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	72657	12.02	ng		92
31) Naphthalene	8.08	128	222163	10.90	ng		98
32) Benzoic acid	7.82	122	49417	11.49	ng		93
33) 4-Chloroaniline	8.13	127	86892	10.44	ng	#	89
34) Hexachlorobutadiene	8.20	225	34165	10.40	ng		98
35) Caprolactam	8.48	113	17669	9.16	ng		97
36) 4-Chloro-3-methylphenol	8.62	107	61719	9.70	ng		93
37) 2-Methylnaphthalene	8.77	142	147579	11.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	58404	9.88	ng		100
40) Hexachlorocyclopentadiene	8.92	237	7538	3.86	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	37564	9.41	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	36330	8.68	ng	#	94
45) 1,1'-Biphenyl	9.23	154	184119	10.95	ng		96
46) 2-Chloronaphthalene	9.26	162	125390	10.14	ng		96
47) 2-Nitroaniline	9.36	65	34591	9.15	ng	#	65
48) Acenaphthylene	9.68	152	213163	10.58	ng		97
49) Dimethylphthalate	9.54	163	151826	10.04	ng		98
50) 2,6-Dinitrotoluene	9.60	165	30107	9.25	ng	#	78
51) Acenaphthene	9.85	154	125001	10.16	ng		97
52) 3-Nitroaniline	9.77	138	37481	10.06	ng		84
53) 2,4-Dinitrophenol	9.89	184	9670	6.93	ng		90
54) Dibenzofuran	10.02	168	169271	10.63	ng		96
55) 4-Nitrophenol	9.95	139	18377	7.57	ng		97
56) 2,4-Dinitrotoluene	10.01	165	43738	10.57	ng	#	52
57) Fluorene	10.36	166	145093	10.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	26926	9.25	ng		97
59) Diethylphthalate	10.24	149	160775	10.76	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	72675	11.22	ng		96
61) 4-Nitroaniline	10.38	138	34029	9.55	ng		97
62) Azobenzene	10.51	77	146151	10.18	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	18510	8.60	ng	#	75
65) n-Nitrosodiphenylamine	10.46	169	123741	10.63	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	38193	10.16	ng		95
67) Hexachlorobenzene	10.91	284	38857	9.88	ng	#	92
68) Atrazine	10.99	200	36722	9.35	ng		92
69) Pentachlorophenol	11.10	266	15521	8.04	ng		99
70) Phenanthrene	11.31	178	217424	11.52	ng		99
71) Anthracene	11.37	178	240389	12.14	ng		98
72) Carbazole	11.53	167	203596	12.24	ng		98
73) Di-n-butylphthalate	11.86	149	242290	10.62	ng		98
74) Fluoranthene	12.50	202	229514	11.45	ng		95
76) Benzidine	12.62	184	127887	10.83	ng		99
77) Pyrene	12.73	202	237842	8.63	ng		99
79) Butylbenzylphthalate	13.35	149	98386	8.53	ng	#	68
80) Benzo(a)anthracene	13.92	228	200290	10.48	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	146830	11.07	ng	#	98
82) Chrysene	13.95	228	185108	9.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	140946	10.20	ng		99
84) Di-n-octyl phthalate	14.52	149	210015	10.22	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	156083	10.50	ng		98
87) Benzo(b)fluoranthene	14.93	252	164292m	9.04	ng		
88) Benzo(k)fluoranthene	14.96	252	176315m	10.76	ng		
89) Benzo(a)pyrene	15.28	252	160766	9.96	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	127590	8.51	ng		98
91) Benzo(g,h,i)perylene	17.09	276	124025	8.17	ng		94

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

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