Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084185.D
Acq On : 31 Dec 2015 9:47
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
UMANGI
1/4/2016 4:28:26 PM

Quant Time: Dec 31 13:14:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:25:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	345045	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1453633	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	627549	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1189764	20.00	ng		0.00
75) Chrysene-d12	14.07	240	924460	20.00	ng		0.00
86) Perylene-d12	15.49	264	686935	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	447179	10.05	ng		0.00
7) Phenol-d6	6.52	99	559404	9.91	ng		-0.01
23) Nitrobenzene-d5	7.46	82	497248	9.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	143637	10.56	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	968899	10.87	ng		0.00
78) Terphenyl-d14	13.01	244	898163	10.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	97141	9.55	ng	#	70
3) Pyridine	3.28	79	270594	11.04	ng	#	74
4) n-Nitrosodimethylamine	3.20	42	128303	9.43	ng	#	76
6) Aniline	6.56	93	395549	9.62	ng	#	80
8) 2-Chlorophenol	6.68	128	250877	9.93	ng		98
9) Benzaldehyde	6.44	77	203920	10.19	ng		95
10) Phenol	6.53	94	343570	10.53	ng		80
11) bis(2-Chloroethyl)ether	6.64	93	220799	9.13	ng		97
12) 1,3-Dichlorobenzene	6.84	146	266467	10.14	ng		98
13) 1,4-Dichlorobenzene	6.92	146	257181m	9.51	ng		
14) 1,2-Dichlorobenzene	7.07	146	262287	9.87	ng		99
15) Benzyl Alcohol	7.04	79	240222	9.93	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	444499	9.81	ng		84
17) 2-Methylphenol	7.15	107	208729	9.89	ng		97
18) Hexachloroethane	7.41	117	96603	9.54	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	191509	10.30	ng	#	73
20) 3+4-Methylphenols	7.30	107	250262	9.80	ng	#	65
22) Acetophenone	7.31	105	374773	10.12	ng	#	97
24) Nitrobenzene	7.48	77	266306	9.83	ng		96
25) Isophorone	7.72	82	501091	9.81	ng		99
26) 2-Nitrophenol	7.80	139	114608	10.03	ng		92
27) 2,4-Dimethylphenol	7.84	122	244561	9.61	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	307886	9.90	ng		99
29) 2,4-Dichlorophenol	8.04	162	196944	9.59	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	203928	9.29	ng	#	90
31) Naphthalene	8.21	128	703764	9.78	ng		98
32) Benzoic acid	7.90	122	98475m	9.15	ng		
33) 4-Chloroaniline	8.26	127	307667	9.76	ng	#	91
34) Hexachlorobutadiene	8.33	225	115174	9.51	ng		98
35) Caprolactam	8.59	113	58341	8.38	ng	#	34
36) 4-Chloro-3-methylphenol	8.73	107	219937	9.45	ng		92
37) 2-Methylnaphthalene	8.90	142	497057	10.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	193858	9.76	ng		99
40) Hexachlorocyclopentadiene	9.06	237	110081	9.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	145462	10.15	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	131495	9.77	ng	#	80
45) 1,1'-Biphenyl	9.37	154	597365	10.44	ng		95
46) 2-Chloronaphthalene	9.39	162	430357	10.18	ng	#	87
47) 2-Nitroaniline	9.48	65	120957	9.75	ng	#	65
48) Acenaphthylene	9.80	152	702699	10.36	ng		98
49) Dimethylphthalate	9.66	163	516502	10.63	ng	#	91
50) 2,6-Dinitrotoluene	9.72	165	110698	10.96	ng	#	77
51) Acenaphthene	9.97	154	440341	9.94	ng		99
52) 3-Nitroaniline	9.88	138	111785	8.97	ng		91
53) 2,4-Dinitrophenol	9.98	184	20751m	7.77	ng		
54) Dibenzofuran	10.14	168	623535	10.24	ng		95
55) 4-Nitrophenol	10.04	139	81220	5.76	ng		80
56) 2,4-Dinitrotoluene	10.12	165	131149	10.45	ng	#	85
57) Fluorene	10.49	166	489353	10.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	117845	10.18	ng		96
59) Diethylphthalate	10.36	149	509892	10.04	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	216135	10.26	ng		90
61) 4-Nitroaniline	10.49	138	101055	9.57	ng		93
62) Azobenzene	10.64	77	494648	9.38	ng		83
64) 4,6-Dinitro-2-methylphenol	10.52	198	45353	8.79	ng	#	64
65) n-Nitrosodiphenylamine	10.60	169	405513	10.00	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	129612	9.42	ng	#	62
67) Hexachlorobenzene	11.04	284	156371	10.24	ng		94
68) Atrazine	11.13	200	137465	10.20	ng		93
69) Pentachlorophenol	11.23	266	59634	9.12	ng		98
70) Phenanthrene	11.45	178	743663	10.15	ng		99
71) Anthracene	11.50	178	708738	10.10	ng		99
72) Carbazole	11.65	167	670256	10.34	ng		98
73) Di-n-butylphthalate	12.00	149	811742	10.48	ng		100
74) Fluoranthene	12.64	202	722884	10.25	ng		95
76) Benzidine	12.76	184	362135	10.15	ng		97
77) Pyrene	12.86	202	749371	10.55	ng		99
79) Butylbenzylphthalate	13.49	149	308544	9.97	ng	#	85
80) Benzo(a)anthracene	14.05	228	566880	10.06	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	174349	9.28	ng	#	93
82) Chrysene	14.09	228	525674	10.26	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	423689	10.37	ng	#	98
84) Di-n-octyl phthalate	14.66	149	641894	9.52	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.91	276	383372	9.76	ng		97
87) Benzo(b)fluoranthene	15.08	252	426470	8.90	ng		99
88) Benzo(k)fluoranthene	15.11	252	405760m	10.04	ng		
89) Benzo(a)pyrene	15.44	252	385439	9.76	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	317902	9.87	ng	#	94
91) Benzo(g,h,i)perylene	17.33	276	324915	9.96	ng		98

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

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