Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081307.D
Acq On : 1 Sep 2015 16:47
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:24 PM

Quant Time: Sep 01 17:14:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 16:51:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	52293	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	196798	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	94421	20.00	ng		0.01
63) Phenanthrene-d10	10.89	188	185785	20.00	ng		0.01
75) Chrysene-d12	13.50	240	128856	20.00	ng		0.00
86) Perylene-d12	14.80	264	98847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	555976	82.91	ng		0.01
7) Phenol-d6	6.07	99	695583	77.63	ng		0.01
23) Nitrobenzene-d5	6.98	82	661524	81.27	ng		0.01
41) 2,4,6-Tribromophenol	10.22	330	144387	86.93	ng		0.01
44) 2-Fluorobiphenyl	8.76	172	1046223	69.69	ng		0.00
78) Terphenyl-d14	12.48	244	1010771	93.50	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	125575	83.47	ng		97
3) Pyridine	2.28	79	370741	93.56	ng		94
4) n-Nitrosodimethylamine	2.26	42	198428	86.58	ng	#	76
6) Aniline	6.06	93	496291	78.58	ng	#	68
8) 2-Chlorophenol	6.18	128	306308	82.90	ng		89
9) Benzaldehyde	5.93	77	215428	76.60	ng	#	76
10) Phenol	6.08	94	402735	77.49	ng	#	49
11) bis(2-Chloroethyl)ether	6.15	93	284019	75.47	ng		89
12) 1,3-Dichlorobenzene	6.33	146	312010	78.40	ng	#	90
13) 1,4-Dichlorobenzene	6.41	146	313650	77.25	ng	#	90
14) 1,2-Dichlorobenzene	6.57	146	279419	76.30	ng		97
15) Benzyl Alcohol	6.56	79	294802	80.64	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.71	45	524878	72.36	ng		85
17) 2-Methylphenol	6.70	107	240861	81.49	ng	#	73
18) Hexachloroethane	6.90	117	119912	75.70	ng		93
19) n-Nitroso-di-n-propylamine	6.84	70	244200	80.50	ng	#	83
20) 3+4-Methylphenols	6.86	107	319486	79.95	ng		87
22) Acetophenone	6.83	105	456488	85.80	ng	#	82
24) Nitrobenzene	6.99	77	319096	74.61	ng	#	60
25) Isophorone	7.24	82	616141	81.42	ng	#	84
26) 2-Nitrophenol	7.31	139	163112	89.91	ng	#	49
27) 2,4-Dimethylphenol	7.38	122	264346	83.40	ng	#	84
28) bis(2-Chloroethoxy)methane	7.46	93	346635	78.95	ng	#	91
29) 2,4-Dichlorophenol	7.56	162	226632	82.30	ng		97
30) 1,2,4-Trichlorobenzene	7.63	180	252427	84.74	ng		97
31) Naphthalene	7.71	128	824518	78.32	ng		99
32) Benzoic acid	7.56	122	187560	87.56	ng	#	54
33) 4-Chloroaniline	7.77	127	308372	70.86	ng	#	80
34) Hexachlorobutadiene	7.83	225	143122	78.01	ng		96
35) Caprolactam	8.18	113	68111	80.36	ng	#	27
36) 4-Chloro-3-methylphenol	8.27	107	239825	77.08	ng	#	70
37) 2-Methylnaphthalene	8.40	142	583232	86.36	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	209459	68.73	ng		99
40) Hexachlorocyclopentadiene	8.55	237	125653	86.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	165886	80.58	ng		98
43) 2,4,5-Trichlorophenol	8.73	196	167976	79.88	ng		94
45) 1,1'-Biphenyl	8.87	154	708740	81.86	ng		95
46) 2-Chloronaphthalene	8.88	162	433753	67.61	ng	#	88
47) 2-Nitroaniline	8.99	65	225769	89.86	ng	#	71
48) Acenaphthylene	9.29	152	859793	76.82	ng		97
49) Dimethylphthalate	9.19	163	524520	70.25	ng	#	97
50) 2,6-Dinitrotoluene	9.24	165	137206	82.82	ng	#	89
51) Acenaphthene	9.46	154	486768	76.39	ng		89
52) 3-Nitroaniline	9.40	138	141444	73.79	ng	#	47
53) 2,4-Dinitrophenol	9.51	184	67954	101.17	ng	#	12
54) Dibenzofuran	9.63	168	711736	76.51	ng	#	88
55) 4-Nitrophenol	9.59	139	102215	86.89	ng	#	12
56) 2,4-Dinitrotoluene	9.63	165	162231	75.97	ng	#	5
57) Fluorene	9.96	166	495392	69.26	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.76	232	140259	88.74	ng		96
59) Diethylphthalate	9.87	149	515558	65.02	ng		95
60) 4-Chlorophenyl-phenylether	9.98	204	254679	73.63	ng		95
61) 4-Nitroaniline	10.02	138	145688	75.46	ng	#	27
62) Azobenzene	10.12	77	603541	68.96	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.04	198	89957	88.01	ng		81
65) n-Nitrosodiphenylamine	10.10	169	536669	79.28	ng		92
66) 4-Bromophenyl-phenylether	10.46	248	152716	81.51	ng		97
67) Hexachlorobenzene	10.51	284	154428	78.40	ng	#	78
68) Atrazine	10.64	200	157062	80.33	ng		83
69) Pentachlorophenol	10.71	266	76947	106.47	ng		100
70) Phenanthrene	10.91	178	697867	65.86	ng		96
71) Anthracene	10.97	178	829814	77.91	ng		98
72) Carbazole	11.13	167	751757	74.79	ng		95
73) Di-n-butylphthalate	11.49	149	949311	80.86	ng	#	98
74) Fluoranthene	12.09	202	894035	79.95	ng		85
76) Benzidine	12.23	184	469019	85.64	ng	#	93
77) Pyrene	12.31	202	762715	79.89	ng		98
79) Butylbenzylphthalate	12.96	149	388991	96.46	ng	#	83
80) Benzo(a)anthracene	13.49	228	695605	85.62	ng		97
81) 3,3'-Dichlorobenzidine	13.47	252	251907	93.14	ng	#	94
82) Chrysene	13.53	228	655918	90.90	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	474557	87.84	ng	#	89
84) Di-n-octyl phthalate	14.14	149	791994	89.25	ng		99
85) Indeno(1,2,3-cd)pyrene	15.90	276	471112	88.64	ng	#	87
87) Benzo(b)fluoranthene	14.48	252	520600m	72.82	ng		
88) Benzo(k)fluoranthene	14.50	252	449512m	76.25	ng		
89) Benzo(a)pyrene	14.77	252	488756	82.03	ng	#	83
90) Dibenzo(a,h)anthracene	15.92	278	393841	86.17	ng	#	77
91) Benzo(g,h,i)perylene	16.23	276	374576	85.81	ng	#	73

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

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