Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083704.D
Acq On : 11 Dec 2015 18:06
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:24 PM

Quant Time: Dec 11 19:23:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 18:27:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139126	20.00	ng		0.01
21) Naphthalene-d8	8.21	136	534450	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	243124	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	476336	20.00	ng		0.00
75) Chrysene-d12	14.08	240	300717	20.00	ng		0.00
86) Perylene-d12	15.52	264	282319	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1173696	62.99	ng		0.00
7) Phenol-d6	6.56	99	1591696	70.07	ng		0.01
23) Nitrobenzene-d5	7.49	82	1307010	83.43	ng		0.01
41) 2,4,6-Tribromophenol	10.75	330	368960	78.13	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	2302928	68.30	ng		0.01
78) Terphenyl-d14	13.02	244	2034427	75.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	329593	73.77	ng	#	86
3) Pyridine	3.31	79	881124	76.25	ng		89
4) n-Nitrosodimethylamine	3.26	42	359626	76.59	ng	#	78
6) Aniline	6.59	93	1099595	70.81	ng	#	87
8) 2-Chlorophenol	6.72	128	699681	69.55	ng		88
9) Benzaldehyde	6.48	77	344049	53.32	ng		86
10) Phenol	6.57	94	837455	62.61	ng		88
11) bis(2-Chloroethyl)ether	6.67	93	712257	74.55	ng		87
12) 1,3-Dichlorobenzene	6.88	146	798138	72.23	ng		95
13) 1,4-Dichlorobenzene	6.94	146	733349	64.83	ng		98
14) 1,2-Dichlorobenzene	7.10	146	706012	68.30	ng		99
15) Benzyl Alcohol	7.07	79	555053	69.49	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	912274	68.17	ng		67
17) 2-Methylphenol	7.18	107	598743	74.37	ng	#	84
18) Hexachloroethane	7.45	117	266136	70.19	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	467020	70.63	ng		89
20) 3+4-Methylphenols	7.33	107	657642	65.28	ng	#	70
22) Acetophenone	7.34	105	894594	68.58	ng	#	99
24) Nitrobenzene	7.52	77	793183	91.87	ng	#	86
25) Isophorone	7.76	82	1348267	76.00	ng		95
26) 2-Nitrophenol	7.82	139	321149	99.53	ng		91
27) 2,4-Dimethylphenol	7.87	122	699126	79.02	ng		95
28) bis(2-Chloroethoxy)methane	7.96	93	677839	65.56	ng	#	97
29) 2,4-Dichlorophenol	8.06	162	561237	76.35	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	576586	69.94	ng		98
31) Naphthalene	8.24	128	1709492m	62.81	ng		
32) Benzoic acid	8.01	122	497942	126.00	ng		90
33) 4-Chloroaniline	8.28	127	815653	73.43	ng	#	90
34) Hexachlorobutadiene	8.36	225	326957	71.58	ng		97
35) Caprolactam	8.67	113	209094	90.78	ng	#	60
36) 4-Chloro-3-methylphenol	8.76	107	607858	75.42	ng		91
37) 2-Methylnaphthalene	8.92	142	1198440	70.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	490651	62.69	ng	#	100
40) Hexachlorocyclopentadiene	9.09	237	307564	86.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	404634	77.50	ng		95
43) 2,4,5-Trichlorophenol	9.24	196	412531	82.65	ng		96
45) 1,1'-Biphenyl	9.39	154	1318542	59.96	ng		97
46) 2-Chloronaphthalene	9.41	162	1074413	65.48	ng	#	93
47) 2-Nitroaniline	9.50	65	374004	109.42	ng	#	77
48) Acenaphthylene	9.84	152	1938740	72.65	ng		98
49) Dimethylphthalate	9.70	163	1434334	76.15	ng		99
50) 2,6-Dinitrotoluene	9.74	165	283580	86.99	ng		97
51) Acenaphthene	10.01	154	1184781	75.35	ng		98
52) 3-Nitroaniline	9.92	138	339426	93.35	ng		81
54) Dibenzofuran	10.18	168	1513768	71.84	ng		100
55) 4-Nitrophenol	10.06	139	273076	86.09	ng		90
56) 2,4-Dinitrotoluene	10.14	165	409753	102.17	ng	#	89
57) Fluorene	10.51	166	1067920	62.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	289933	77.75	ng	#	100
59) Diethylphthalate	10.40	149	1336601	75.65	ng		96
60) 4-Chlorophenyl-phenylether	10.51	204	576621	72.33	ng		93
61) 4-Nitroaniline	10.53	138	345188	102.19	ng		97
62) Azobenzene	10.67	77	1342366	80.50	ng		91
65) n-Nitrosodiphenylamine	10.62	169	1000648	61.15	ng		98
66) 4-Bromophenyl-phenylether	11.00	248	376569	73.05	ng	#	84
67) Hexachlorobenzene	11.07	284	418802	74.82	ng	#	73
68) Atrazine	11.15	200	319087	69.42	ng		98
69) Pentachlorophenol	11.25	266	272737	89.64	ng		97
70) Phenanthrene	11.47	178	1570217	58.02	ng		96
71) Anthracene	11.53	178	1873203	68.33	ng		97
72) Carbazole	11.68	167	1759933	70.17	ng	#	95
73) Di-n-butylphthalate	12.01	149	1705673	61.41	ng		98
74) Fluoranthene	12.66	202	1909573	68.77	ng		96
76) Benzidine	12.77	184	802919	67.74	ng		96
77) Pyrene	12.89	202	1911480	80.72	ng		97
79) Butylbenzylphthalate	13.51	149	663902	88.70	ng		87
80) Benzo(a)anthracene	14.07	228	1188306m	65.72	ng		
81) 3,3'-Dichlorobenzidine	14.03	252	462129	82.97	ng	#	96
82) Chrysene	14.10	228	1135473m	65.25	ng		
83) Bis(2-ethylhexyl)phthalate	14.07	149	603205	72.36	ng		99
84) Di-n-octyl phthalate	14.67	149	1070947	94.04	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	1581656	101.99	ng	#	100
87) Benzo(b)fluoranthene	15.11	252	1360152	77.12	ng		98
88) Benzo(k)fluoranthene	15.13	252	1012503m	60.51	ng		
89) Benzo(a)pyrene	15.46	252	1202580	74.65	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	1281389	81.24	ng		96
91) Benzo(g,h,i)perylene	17.39	276	1367410	82.39	ng		97

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

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