Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083344.D
Acq On : 30 Nov 2015 20:07
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:54 PM

Quant Time: Dec 01 00:53:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 00:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	154428m	20.00	ng		0.01
21) Naphthalene-d8	7.84	136	589222	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	295796	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	569133	20.00	ng		0.00
75) Chrysene-d12	14.76	240	519984	20.00	ng		0.00
86) Perylene-d12	16.82	264	381847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1161344	109.87	ng		0.00
7) Phenol-d6	6.22	99	1530289	109.79	ng		0.00
23) Nitrobenzene-d5	7.13	82	1505457	112.87	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	364831	132.25	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	2265252	109.38	ng		0.00
78) Terphenyl-d14	13.23	244	2385808	94.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	288272	194.22	ng		95
3) Pyridine	2.56	79	859192	64.31	ng		99
4) n-Nitrosodimethylamine	2.52	42	423444	61.83	ng		96
6) Aniline	6.21	93	1093816	57.55	ng		99
8) 2-Chlorophenol	6.34	128	636460	55.79	ng		93
9) Benzaldehyde	6.09	77	350823	48.15	ng		98
10) Phenol	6.24	94	952211	56.74	ng		90
11) bis(2-Chloroethyl)ether	6.30	93	719637	57.95	ng		89
12) 1,3-Dichlorobenzene	6.49	146	702967m	56.16	ng		
13) 1,4-Dichlorobenzene	6.57	146	737026m	56.41	ng		
14) 1,2-Dichlorobenzene	6.73	146	679758	56.49	ng		97
15) Benzyl Alcohol	6.72	79	601386	55.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	1251671	57.91	ng		89
17) 2-Methylphenol	6.84	107	526400	56.47	ng		97
18) Hexachloroethane	7.06	117	254013	54.69	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	550030	55.43	ng		90
20) 3+4-Methylphenols	7.00	107	708390	56.09	ng		97
22) Acetophenone	6.98	105	988614	56.37	ng	#	94
24) Nitrobenzene	7.15	77	883394	61.15	ng		93
25) Isophorone	7.39	82	1475976	57.14	ng		98
26) 2-Nitrophenol	7.47	139	348011	58.64	ng	#	68
27) 2,4-Dimethylphenol	7.53	122	600639	60.87	ng		96
28) bis(2-Chloroethoxy)methane	7.61	93	819844	56.42	ng		100
29) 2,4-Dichlorophenol	7.72	162	541345	57.43	ng		87
30) 1,2,4-Trichlorobenzene	7.79	180	604978	59.11	ng		99
31) Naphthalene	7.86	128	1720486	53.21	ng		100
32) Benzoic acid	7.70	122	434549	83.17	ng		91
33) 4-Chloroaniline	7.93	127	827853	61.57	ng		96
34) Hexachlorobutadiene	7.98	225	329359	56.12	ng		99
35) Caprolactam	8.33	113	193059	71.12	ng	#	77
36) 4-Chloro-3-methylphenol	8.43	107	630339	60.70	ng		89
37) 2-Methylnaphthalene	8.56	142	1269146	60.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	529054	55.09	ng		98
40) Hexachlorocyclopentadiene	8.72	237	287056	68.56	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	389662	58.69	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	410708	60.35	ng		95
45) 1,1'-Biphenyl	9.02	154	1544217	58.45	ng		98
46) 2-Chloronaphthalene	9.04	162	1124585	56.37	ng		99
47) 2-Nitroaniline	9.15	65	492186	63.10	ng	#	85
48) Acenaphthylene	9.45	152	1775570	57.22	ng		100
49) Dimethylphthalate	9.34	163	1450149	65.35	ng		99
50) 2,6-Dinitrotoluene	9.39	165	302572	59.97	ng	#	80
51) Acenaphthene	9.62	154	1055148	58.43	ng		99
52) 3-Nitroaniline	9.56	138	344513	58.27	ng		93
53) 2,4-Dinitrophenol	9.68	184	168469	94.52	ng	#	68
54) Dibenzofuran	9.80	168	1564414	60.45	ng		92
55) 4-Nitrophenol	9.76	139	248450	81.98	ng	#	71
56) 2,4-Dinitrotoluene	9.80	165	422939	68.05	ng	#	62
57) Fluorene	10.13	166	1179196	56.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	351277	66.21	ng		98
59) Diethylphthalate	10.03	149	1301442	59.87	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	529919	54.37	ng		93
61) 4-Nitroaniline	10.19	138	382437	69.94	ng		94
62) Azobenzene	10.29	77	1576364	57.70	ng		97
64) 4,6-Dinitro-2-methylphenol	10.21	198	255634	75.97	ng	#	65
65) n-Nitrosodiphenylamine	10.26	169	1091219	52.53	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	368323	57.87	ng	#	91
67) Hexachlorobenzene	10.70	284	403154	56.01	ng	#	89
68) Atrazine	10.83	200	329375	59.16	ng		99
69) Pentachlorophenol	10.92	266	231656	71.89	ng		96
70) Phenanthrene	11.16	178	1922135	57.44	ng		97
71) Anthracene	11.22	178	1878849	54.44	ng		99
72) Carbazole	11.41	167	1726993	59.30	ng		98
73) Di-n-butylphthalate	11.86	149	2076323	60.09	ng		99
74) Fluoranthene	12.67	202	2095102	66.38	ng		95
76) Benzidine	12.87	184	836984	46.30	ng		97
77) Pyrene	12.98	202	2075319	49.15	ng		98
79) Butylbenzylphthalate	13.97	149	945510	58.88	ng		86
80) Benzo(a)anthracene	14.75	228	1815711	55.15	ng		99
81) 3,3'-Dichlorobenzidine	14.74	252	582591	56.64	ng		97
82) Chrysene	14.81	228	1755880	55.77	ng		99
83) Bis(2-ethylhexyl)phthalate	14.88	149	1244082	61.40	ng		99
84) Di-n-octyl phthalate	15.85	149	1891908	58.23	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1365803	40.40	ng	#	100
87) Benzo(b)fluoranthene	16.32	252	1380396	52.09	ng		97
88) Benzo(k)fluoranthene	16.35	252	1393007m	69.91	ng		
89) Benzo(a)pyrene	16.75	252	1223648	58.72	ng	#	95
90) Dibenzo(a,h)anthracene	18.24	278	1132643	50.20	ng		98
91) Benzo(g,h,i)perylene	18.58	276	1111737	48.93	ng	#	95

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

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