Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083345.D
Acq On : 30 Nov 2015 20:38
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:56 PM

Quant Time: Dec 01 00:54:28 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	141744m	20.00	ng		0.01
21) Naphthalene-d8	7.85	136	546501	20.00	ng		0.01
38) Acenaphthene-d10	9.60	164	283171	20.00	ng		0.01
63) Phenanthrene-d10	11.13	188	533048	20.00	ng		0.00
75) Chrysene-d12	14.76	240	439945	20.00	ng		0.00
86) Perylene-d12	16.82	264	338210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1443365	148.76	ng		0.00
7) Phenol-d6	6.22	99	1989510	155.51	ng		0.00
23) Nitrobenzene-d5	7.14	82	1988273	160.72	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	410473	155.42	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2971386	149.87	ng		0.01
78) Terphenyl-d14	13.23	244	2961523	138.53	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	377612	277.17	ng		96
3) Pyridine	2.56	79	1114581	90.88	ng		99
4) n-Nitrosodimethylamine	2.53	42	557319	88.66	ng		94
6) Aniline	6.22	93	1357033	77.78	ng		91
8) 2-Chlorophenol	6.35	128	792829	75.71	ng		88
9) Benzaldehyde	6.09	77	402166	60.13	ng		97
10) Phenol	6.25	94	1197592	77.74	ng		96
11) bis(2-Chloroethyl)ether	6.30	93	891644	78.23	ng		95
12) 1,3-Dichlorobenzene	6.49	146	862685m	75.08	ng		
13) 1,4-Dichlorobenzene	6.57	146	890181m	74.23	ng		
14) 1,2-Dichlorobenzene	6.73	146	832138	75.34	ng		95
15) Benzyl Alcohol	6.73	79	770515	78.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	1511582	76.20	ng		67
17) 2-Methylphenol	6.85	107	699120	81.71	ng		93
18) Hexachloroethane	7.07	117	323909	75.99	ng	#	74
19) n-Nitroso-di-n-propylamine	7.00	70	769495	84.48	ng		97
20) 3+4-Methylphenols	7.01	107	934270	80.59	ng		96
22) Acetophenone	6.98	105	1259527	77.43	ng	#	92
24) Nitrobenzene	7.15	77	936659	69.91	ng	#	87
25) Isophorone	7.40	82	1959625	81.79	ng		99
26) 2-Nitrophenol	7.47	139	473441	86.02	ng	#	77
27) 2,4-Dimethylphenol	7.53	122	686934	75.06	ng		96
28) bis(2-Chloroethoxy)methane	7.62	93	1126351	83.57	ng		97
29) 2,4-Dichlorophenol	7.72	162	700157	80.09	ng		91
30) 1,2,4-Trichlorobenzene	7.79	180	754998	79.54	ng		98
31) Naphthalene	7.87	128	2282098	76.10	ng		99
32) Benzoic acid	7.71	122	563406	116.26	ng		97
33) 4-Chloroaniline	7.93	127	933124	74.82	ng	#	91
34) Hexachlorobutadiene	8.00	225	421749	77.47	ng		97
35) Caprolactam	8.34	113	236895	94.10	ng		94
36) 4-Chloro-3-methylphenol	8.43	107	732276	76.03	ng		86
37) 2-Methylnaphthalene	8.56	142	1542174	79.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	699058	76.04	ng		98
40) Hexachlorocyclopentadiene	8.72	237	380813	95.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	486633	76.57	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	509937	78.27	ng	#	90
45) 1,1'-Biphenyl	9.02	154	1765139	69.79	ng		95
46) 2-Chloronaphthalene	9.05	162	1511259	79.12	ng		95
47) 2-Nitroaniline	9.15	65	548870	73.51	ng	#	82
48) Acenaphthylene	9.46	152	2334458	78.58	ng		100
49) Dimethylphthalate	9.34	163	1673245	78.76	ng		100
50) 2,6-Dinitrotoluene	9.40	165	415835	86.09	ng		92
51) Acenaphthene	9.63	154	1408138	81.45	ng		99
52) 3-Nitroaniline	9.57	138	486016	85.87	ng		99
53) 2,4-Dinitrophenol	9.68	184	252783	148.15	ng	#	83
54) Dibenzofuran	9.80	168	1916433	77.36	ng		96
55) 4-Nitrophenol	9.76	139	296197	102.09	ng		92
56) 2,4-Dinitrotoluene	9.80	165	461908	77.63	ng		95
57) Fluorene	10.14	166	1609261	80.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	412628	81.24	ng		93
59) Diethylphthalate	10.04	149	1743745	83.80	ng		97
60) 4-Chlorophenyl-phenylether	10.13	204	646387	69.28	ng		90
61) 4-Nitroaniline	10.19	138	450414	86.04	ng		94
62) Azobenzene	10.29	77	1929175	73.76	ng		95
64) 4,6-Dinitro-2-methylphenol	10.21	198	312772	99.24	ng		91
65) n-Nitrosodiphenylamine	10.27	169	1461855	75.13	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	437319	73.36	ng	#	85
67) Hexachlorobenzene	10.70	284	483777	71.76	ng	#	81
68) Atrazine	10.83	200	329010	63.09	ng		99
69) Pentachlorophenol	10.92	266	299867	99.36	ng		98
70) Phenanthrene	11.16	178	2289777	73.06	ng		97
71) Anthracene	11.22	178	2387872	73.87	ng		99
72) Carbazole	11.42	167	2257427	82.77	ng		98
73) Di-n-butylphthalate	11.86	149	2606173	80.53	ng		98
74) Fluoranthene	12.67	202	2436627	82.42	ng		99
76) Benzidine	12.86	184	949641	62.08	ng	#	94
77) Pyrene	12.98	202	2520300	70.54	ng		97
79) Butylbenzylphthalate	13.97	149	1167967	85.96	ng		91
80) Benzo(a)anthracene	14.75	228	2109507	75.73	ng		100
81) 3,3'-Dichlorobenzidine	14.74	252	623107	71.60	ng		99
82) Chrysene	14.81	228	2025112	76.02	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1506569	87.88	ng		99
84) Di-n-octyl phthalate	15.85	149	2214914	80.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.21	276	1799177	62.90	ng	#	100
87) Benzo(b)fluoranthene	16.32	252	1862411	79.34	ng		98
88) Benzo(k)fluoranthene	16.36	252	1397416	79.19	ng		99
89) Benzo(a)pyrene	16.76	252	1499845	81.26	ng		99
90) Dibenzo(a,h)anthracene	18.24	278	1481203	74.12	ng		98
91) Benzo(g,h,i)perylene	18.59	276	1492149	74.14	ng		96

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

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