Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081006.D
Acq On : 17 Aug 2015 16:23
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:11:48 PM

Quant Time: Aug 17 16:51:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 16:17:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	52391	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	212779	20.00	ng		0.01
38) Acenaphthene-d10	9.67	164	97560	20.00	ng		0.01
63) Phenanthrene-d10	11.13	188	186340	20.00	ng		0.00
75) Chrysene-d12	13.76	240	146344	20.00	ng		0.01
86) Perylene-d12	15.11	264	97730	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	541555	74.90	ng		0.01
7) Phenol-d6	6.28	99	702736	73.39	ng		0.02
23) Nitrobenzene-d5	7.21	82	708131	72.48	ng		0.02
41) 2,4,6-Tribromophenol	10.46	330	134538	75.95	ng		0.01
44) 2-Fluorobiphenyl	9.00	172	1109273	70.70	ng		0.01
78) Terphenyl-d14	12.73	244	1062674	73.84	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	130653	75.88	ng	#	91
3) Pyridine	2.68	79	383211	79.21	ng		86
4) n-Nitrosodimethylamine	2.66	42	204403	75.80	ng	#	81
6) Aniline	6.30	93	481732	69.07	ng	#	11
8) 2-Chlorophenol	6.41	128	270144	66.34	ng		94
9) Benzaldehyde	6.17	77	175231	54.54	ng		96
10) Phenol	6.30	94	449711	80.82	ng		97
11) bis(2-Chloroethyl)ether	6.38	93	280326	64.40	ng		91
12) 1,3-Dichlorobenzene	6.57	146	321942	75.27	ng		97
13) 1,4-Dichlorobenzene	6.65	146	331653	78.67	ng		99
14) 1,2-Dichlorobenzene	6.80	146	255608	62.63	ng		97
15) Benzyl Alcohol	6.79	79	263351	67.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	579765	67.56	ng		100
17) 2-Methylphenol	6.90	107	250354	73.33	ng		95
18) Hexachloroethane	7.14	117	121952	70.08	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	250492	76.47	ng		93
20) 3+4-Methylphenols	7.06	107	283419	63.96	ng	#	73
22) Acetophenone	7.05	105	414467	70.78	ng	#	90
24) Nitrobenzene	7.22	77	315767	60.79	ng		95
25) Isophorone	7.47	82	667912	73.84	ng		98
26) 2-Nitrophenol	7.54	139	170217	82.23	ng	#	73
27) 2,4-Dimethylphenol	7.59	122	255497	67.69	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	404575	75.84	ng		98
29) 2,4-Dichlorophenol	7.78	162	215103	67.66	ng		89
30) 1,2,4-Trichlorobenzene	7.86	180	235498	66.67	ng		98
31) Naphthalene	7.94	128	865753	69.67	ng		98
32) Benzoic acid	7.75	122	172054	84.65	ng		93
33) 4-Chloroaniline	8.00	127	380795	73.06	ng		92
34) Hexachlorobutadiene	8.07	225	148875	75.54	ng		97
35) Caprolactam	8.40	113	74409	66.82	ng	#	86
36) 4-Chloro-3-methylphenol	8.49	107	267841	70.82	ng		100
37) 2-Methylnaphthalene	8.63	142	496437	62.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	235530	71.99	ng		98
40) Hexachlorocyclopentadiene	8.79	237	132629	79.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	176074	76.71	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	154289	65.29	ng	#	82
45) 1,1'-Biphenyl	9.10	154	553474	60.01	ng		95
46) 2-Chloronaphthalene	9.12	162	494537	68.00	ng		94
47) 2-Nitroaniline	9.22	65	242163	83.78	ng	#	83
48) Acenaphthylene	9.53	152	840161	64.05	ng		98
49) Dimethylphthalate	9.42	163	613673	73.04	ng		100
50) 2,6-Dinitrotoluene	9.47	165	126843	70.28	ng	#	64
51) Acenaphthene	9.70	154	488724	62.29	ng		99
52) 3-Nitroaniline	9.63	138	149482	65.59	ng		97
53) 2,4-Dinitrophenol	9.74	184	77440	97.98	ng	#	68
54) Dibenzofuran	9.87	168	689011	65.41	ng		93
55) 4-Nitrophenol	9.80	139	124478	79.51	ng	#	46
56) 2,4-Dinitrotoluene	9.86	165	162534	67.22	ng	#	67
57) Fluorene	10.22	166	573209	71.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	120868	67.13	ng		94
59) Diethylphthalate	10.10	149	556369	61.39	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	216602	60.43	ng		92
61) 4-Nitroaniline	10.25	138	150844	64.57	ng		92
62) Azobenzene	10.36	77	662480	63.90	ng		97
64) 4,6-Dinitro-2-methylphenol	10.27	198	88314	77.82	ng		89
65) n-Nitrosodiphenylamine	10.33	169	452870	64.61	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	142522	75.36	ng	#	80
67) Hexachlorobenzene	10.75	284	126978	65.02	ng	#	80
68) Atrazine	10.87	200	143370	74.56	ng		99
69) Pentachlorophenol	10.95	266	89383	78.14	ng		98
70) Phenanthrene	11.16	178	787625	68.30	ng		99
71) Anthracene	11.21	178	794221	70.88	ng		100
72) Carbazole	11.37	167	690677	63.42	ng		99
73) Di-n-butylphthalate	11.71	149	865619	65.59	ng		98
74) Fluoranthene	12.34	202	818646	65.86	ng		92
76) Benzidine	12.47	184	334430	56.05	ng	#	96
77) Pyrene	12.57	202	938183	75.37	ng		100
79) Butylbenzylphthalate	13.20	149	375720	69.14	ng	#	69
80) Benzo(a)anthracene	13.75	228	701560	67.84	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	229376	68.69	ng	#	97
82) Chrysene	13.79	228	688750	74.78	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	509044	74.19	ng	#	96
84) Di-n-octyl phthalate	14.38	149	773734	74.76	ng		100
85) Indeno(1,2,3-cd)pyrene	16.34	276	493861	77.62	ng	#	94
87) Benzo(b)fluoranthene	14.74	252	500646m	64.10	ng		
88) Benzo(k)fluoranthene	14.78	252	551082m	89.78	ng		
89) Benzo(a)pyrene	15.06	252	485439	77.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.37	278	395115	82.24	ng	#	94
91) Benzo(g,h,i)perylene	16.72	276	416427	86.31	ng	#	90

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

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