Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
Data File : BF079831.D
Acq On : 9 Jun 2015 14:44
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
6/10/2015 5:40:44 PM

Quant Time: Jun 09 15:12:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	42766	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	177660	20.00	ng		0.00
38) Acenaphthene-d10	10.49	164	90631	20.00	ng		0.01
63) Phenanthrene-d10	11.99	188	179678	20.00	ng		-0.01
75) Chrysene-d12	14.97	240	194702	20.00	ng		-0.09
86) Perylene-d12	16.89	264	180042	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	429972	166.68	ng		0.00
7) Phenol-d6	7.02	99	540497	161.14	ng		0.00
23) Nitrobenzene-d5	7.98	82	510296	166.96	ng		0.00
41) 2,4,6-Tribromophenol	11.28	330	140971	183.50	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	1005386	155.38	ng		0.00
78) Terphenyl-d14	13.69	244	1343739	77.44	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	98124	83.30	ng		97
3) Pyridine	4.16	79	224988	69.01	ng		96
4) n-Nitrosodimethylamine	4.08	42	124842	77.93	ng		91
6) Aniline	7.07	93	388313	80.34	ng		96
8) 2-Chlorophenol	7.20	128	236731	81.06	ng		97
9) Benzaldehyde	6.97	77	139777	69.64	ng		99
10) Phenol	7.03	94	270027	74.78	ng		89
11) bis(2-Chloroethyl)ether	7.14	93	222402	79.56	ng	#	82
12) 1,3-Dichlorobenzene	7.37	146	275686	82.63	ng	#	84
13) 1,4-Dichlorobenzene	7.44	146	318144	84.40	ng		99
14) 1,2-Dichlorobenzene	7.60	146	284538	87.39	ng		99
15) Benzyl Alcohol	7.54	79	225809	83.98	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.68	45	364470	84.93	ng		96
17) 2-Methylphenol	7.64	107	201621	80.12	ng		98
18) Hexachloroethane	7.94	117	98742	84.31	ng		99
19) n-Nitroso-di-n-propylamine	7.82	70	204810	88.94	ng	#	93
20) 3+4-Methylphenols	7.79	107	270639	83.77	ng		97
22) Acetophenone	7.82	105	329788	74.02	ng	#	94
24) Nitrobenzene	8.00	77	281024	93.09	ng	#	78
25) Isophorone	8.23	82	499345	77.54	ng		97
26) 2-Nitrophenol	8.32	139	114439	95.78	ng		97
27) 2,4-Dimethylphenol	8.33	122	221822	76.11	ng		100
28) bis(2-Chloroethoxy)methane	8.43	93	330034	85.90	ng		99
29) 2,4-Dichlorophenol	8.56	162	211586	86.83	ng		97
30) 1,2,4-Trichlorobenzene	8.65	180	264509	84.02	ng		99
31) Naphthalene	8.73	128	725502m	76.16	ng		
32) Benzoic acid	8.41	122	91983	113.39	ng		99
33) 4-Chloroaniline	8.76	127	298531m	77.82	ng		
34) Hexachlorobutadiene	8.86	225	143235	82.42	ng		97
35) Caprolactam	9.12	113	59936	83.66	ng	#	54
36) 4-Chloro-3-methylphenol	9.23	107	224560	84.57	ng		94
37) 2-Methylnaphthalene	9.43	142	532245	79.05	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	261932	83.15	ng		98
40) Hexachlorocyclopentadiene	9.59	237	136388	92.44	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.70	196	171939	91.73	ng		98
43) 2,4,5-Trichlorophenol	9.74	196	163140	83.06	ng		95
45) 1,1'-Biphenyl	9.90	154	613933	82.00	ng		99
46) 2-Chloronaphthalene	9.92	162	484013	78.71	ng		99
47) 2-Nitroaniline	10.00	65	121002	92.32	ng		96
48) Acenaphthylene	10.34	152	825224	78.95	ng		98
49) Dimethylphthalate	10.18	163	562533	79.55	ng	#	99
50) 2,6-Dinitrotoluene	10.24	165	103341	85.23	ng	#	85
51) Acenaphthene	10.52	154	497351	81.75	ng		99
52) 3-Nitroaniline	10.41	138	125462	83.90	ng		96
53) 2,4-Dinitrophenol	10.52	184	27977	101.29	ng	#	67
54) Dibenzofuran	10.70	168	691999	81.12	ng	#	87
55) 4-Nitrophenol	10.55	139	92115	84.94	ng	#	87
56) 2,4-Dinitrotoluene	10.65	165	149956	99.05	ng	#	85
57) Fluorene	11.04	166	603883	79.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.80	232	131854	92.30	ng		95
59) Diethylphthalate	10.88	149	533128	76.60	ng		99
60) 4-Chlorophenyl-phenylether	11.02	204	267176	81.86	ng		96
61) 4-Nitroaniline	11.03	138	126768	86.94	ng		95
62) Azobenzene	11.18	77	541363	79.37	ng		98
64) 4,6-Dinitro-2-methylphenol	11.06	198	49121	100.19	ng	#	74
65) n-Nitrosodiphenylamine	11.13	169	477676	80.14	ng		99
66) 4-Bromophenyl-phenylether	11.52	248	180700	88.29	ng		98
67) Hexachlorobenzene	11.60	284	183776	85.08	ng		96
68) Atrazine	11.66	200	144981	86.67	ng		89
69) Pentachlorophenol	11.78	266	79033	103.90	ng		99
70) Phenanthrene	12.02	178	882366	82.60	ng		100
71) Anthracene	12.07	178	844025	80.38	ng		98
72) Carbazole	12.22	167	756259	77.37	ng	#	97
73) Di-n-butylphthalate	12.55	149	915702	92.78	ng		99
74) Fluoranthene	13.28	202	910581	81.04	ng		94
76) Benzidine	13.39	184	431608	73.50	ng		96
77) Pyrene	13.54	202	957764	78.79	ng		97
79) Butylbenzylphthalate	14.23	149	356196	178.70	ng		89
80) Benzo(a)anthracene	14.96	228	947047	82.13	ng		98
81) 3,3'-Dichlorobenzidine	14.90	252	316358	88.94	ng	#	99
82) Chrysene	15.01	228	869927	80.12	ng		97
83) Bis(2-ethylhexyl)phthalate	14.93	149	566146	92.49	ng	#	93
84) Di-n-octyl phthalate	15.74	149	901987	95.45	ng		96
85) Indeno(1,2,3-cd)pyrene	18.82	276	1032224	91.89	ng		98
87) Benzo(b)fluoranthene	16.33	252	980032	93.69	ng		97
88) Benzo(k)fluoranthene	16.37	252	841590m	74.36	ng		
89) Benzo(a)pyrene	16.81	252	863429	86.21	ng		99
90) Dibenzo(a,h)anthracene	18.86	278	826047	89.54	ng		98
91) Benzo(g,h,i)perylene	19.42	276	847112	86.55	ng		99

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

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