Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081710.D
Acq On : 21 Sep 2015 12:20
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/22/2015 2:15:21 PM

Quant Time: Sep 22 03:18:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	95741	20.00	ng		-0.04
21) Naphthalene-d8	11.08	136	377898	20.00	ng		-0.04
38) Acenaphthene-d10	15.21	164	182616	20.00	ng		-0.04
63) Phenanthrene-d10	18.71	188	375335	20.00	ng		-0.04
75) Chrysene-d12	23.36	240	308643	20.00	ng		-0.02
86) Perylene-d12	24.79	264	205541	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	453149	73.43	ng		-0.03
7) Phenol-d6	7.64	99	658622	80.63	ng		-0.01
23) Nitrobenzene-d5	9.51	82	662917	84.64	ng		-0.02
41) 2,4,6-Tribromophenol	17.13	330	140096	86.16	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	1186197	83.24	ng		-0.03
78) Terphenyl-d14	22.08	244	1064419	80.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.52	88	178364	64.36	ng	#	57
3) Pyridine	2.02	79	242372	31.71	ng	#	83
4) n-Nitrosodimethylamine	2.02	42	200169	47.15	ng	#	61
6) Aniline	7.50	93	448724	38.90	ng	#	82
8) 2-Chlorophenol	7.74	128	272637	40.09	ng		84
9) Benzaldehyde	7.20	77	165367	32.31	ng	#	73
10) Phenol	7.66	94	355130	37.49	ng	#	49
11) bis(2-Chloroethyl)ether	7.73	93	271995	39.80	ng	#	66
12) 1,3-Dichlorobenzene	8.02	146	285814	39.34	ng	#	90
13) 1,4-Dichlorobenzene	8.21	146	290732	39.30	ng	#	89
14) 1,2-Dichlorobenzene	8.54	146	279974	42.03	ng	#	91
15) Benzyl Alcohol	8.64	79	280246	41.82	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.94	45	536838	40.98	ng		93
17) 2-Methylphenol	8.98	107	222153	40.94	ng	#	77
18) Hexachloroethane	9.26	117	120261	41.79	ng	#	87
19) n-Nitroso-di-n-propylamine	9.28	70	236374	42.52	ng	#	91
20) 3+4-Methylphenols	9.36	107	290591	39.72	ng		85
22) Acetophenone	9.19	105	407223	39.45	ng	#	72
24) Nitrobenzene	9.54	77	341298	41.96	ng	#	63
25) Isophorone	10.14	82	606865	41.66	ng	#	84
26) 2-Nitrophenol	10.26	139	144060	40.64	ng	#	37
27) 2,4-Dimethylphenol	10.55	122	246118	40.19	ng	#	77
28) bis(2-Chloroethoxy)methane	10.72	93	339498	40.34	ng	#	93
29) 2,4-Dichlorophenol	10.87	162	212724	40.06	ng		90
30) 1,2,4-Trichlorobenzene	10.98	180	242178	41.98	ng		96
31) Naphthalene	11.13	128	808767	40.13	ng		98
32) Benzoic acid	11.09	122	69773	17.66	ng	#	44
33) 4-Chloroaniline	11.37	127	334276	40.66	ng	#	80
34) Hexachlorobutadiene	11.48	225	154686	44.06	ng		100
35) Caprolactam	12.44	113	65381m	40.15	ng		
36) 4-Chloro-3-methylphenol	12.71	107	266808	44.89	ng	#	76
37) 2-Methylnaphthalene	12.78	142	542931	41.40	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	240139	41.58	ng		98
40) Hexachlorocyclopentadiene	13.16	237	107950	38.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.55	196	160878	40.36	ng		99
43) 2,4,5-Trichlorophenol	13.66	196	162750	40.02	ng	#	91
45) 1,1'-Biphenyl	13.93	154	654078	38.93	ng		96
46) 2-Chloronaphthalene	13.92	162	487689	40.20	ng	#	84
47) 2-Nitroaniline	14.29	65	220971	44.69	ng	#	62
48) Acenaphthylene	14.87	152	844014	39.21	ng		98
49) Dimethylphthalate	14.84	163	585003	41.23	ng	#	97
50) 2,6-Dinitrotoluene	14.93	165	119121	36.99	ng	#	18
51) Acenaphthene	15.31	154	475540	38.84	ng		90
52) 3-Nitroaniline	15.29	138	153022	41.74	ng	#	45
53) 2,4-Dinitrophenol	15.58	184	50372	34.80	ng	#	25
54) Dibenzofuran	15.72	168	710050	39.71	ng	#	83
55) 4-Nitrophenol	15.91	139	75372	32.73	ng	#	1
56) 2,4-Dinitrotoluene	15.89	165	173863	42.40	ng	#	72
57) Fluorene	16.53	166	581997	42.89	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129398	41.68	ng		91
59) Diethylphthalate	16.52	149	647496	43.38	ng		96
60) 4-Chlorophenyl-phenylether	16.62	204	273686	43.28	ng	#	84
61) 4-Nitroaniline	16.80	138	140427	37.91	ng	#	22
62) Azobenzene	17.00	77	692436	41.73	ng		84
64) 4,6-Dinitro-2-methylphenol	16.86	198	85366	40.66	ng		84
65) n-Nitrosodiphenylamine	16.96	169	520294	38.10	ng		94
66) 4-Bromophenyl-phenylether	17.76	248	155850	41.07	ng	#	88
67) Hexachlorobenzene	17.82	284	158881	40.04	ng	#	91
68) Atrazine	18.37	200	140933	35.66	ng		80
69) Pentachlorophenol	18.37	266	53586	33.45	ng		97
70) Phenanthrene	18.78	178	823337	39.46	ng		97
71) Anthracene	18.91	178	821152	38.30	ng		98
72) Carbazole	19.39	167	768725	38.21	ng		95
73) Di-n-butylphthalate	20.43	149	1012588	42.63	ng	#	98
74) Fluoranthene	21.40	202	919421	40.70	ng		91
76) Benzidine	21.72	184	430183	32.47	ng		97
77) Pyrene	21.75	202	867170	37.93	ng		98
79) Butylbenzylphthalate	22.78	149	435231	43.77	ng		92
80) Benzo(a)anthracene	23.35	228	764598	38.90	ng		97
81) 3,3'-Dichlorobenzidine	23.36	252	255603	38.55	ng	#	92
82) Chrysene	23.40	228	685170	38.89	ng		94
83) Bis(2-ethylhexyl)phthalate	23.47	149	559176	42.61	ng	#	91
84) Di-n-octyl phthalate	24.13	149	882803	40.86	ng		98
85) Indeno(1,2,3-cd)pyrene	25.84	276	524169	40.55	ng	#	85
87) Benzo(b)fluoranthene	24.46	252	656238m	44.72	ng		
88) Benzo(k)fluoranthene	24.48	252	400865m	32.92	ng		
89) Benzo(a)pyrene	24.75	252	468411	37.67	ng	#	88
90) Dibenzo(a,h)anthracene	25.85	278	441219	45.92	ng	#	79
91) Benzo(g,h,i)perylene	26.14	276	414947	45.25	ng	#	74

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

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