Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078358.D
Acq On : 9 Apr 2015 13:27
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/10/2015 5:12:46 PM

Quant Time: Apr 10 10:54:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	40350	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	168654	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	83538	20.00	ng		-0.01
63) Phenanthrene-d10	12.45	188	154013	20.00	ng		-0.01
75) Chrysene-d12	15.72	240	156548	20.00	ng		-0.02
86) Perylene-d12	17.48	264	149836	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	202560	82.77	ng		-0.02
7) Phenol-d6	6.49	99	259839	84.72	ng		0.01
23) Nitrobenzene-d5	7.58	82	223229	80.23	ng		0.00
41) 2,4,6-Tribromophenol	11.61	330	62186	89.76	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	466211	79.77	ng		0.00
78) Terphenyl-d14	14.44	244	550426	79.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	45779	41.37	ng		99
3) Pyridine	2.29	79	127966	44.14	ng		98
4) n-Nitrosodimethylamine	2.24	42	48107m	43.11	ng		
6) Aniline	6.48	93	180836	41.58	ng		90
8) 2-Chlorophenol	6.62	128	118096	40.81	ng		92
9) Benzaldehyde	6.33	77	76377	37.57	ng		99
10) Phenol	6.50	94	150693	41.01	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	107550	40.70	ng		99
12) 1,3-Dichlorobenzene	6.81	146	127152	40.00	ng	#	93
13) 1,4-Dichlorobenzene	6.91	146	127742	39.92	ng		96
14) 1,2-Dichlorobenzene	7.09	146	117688	39.23	ng		94
15) Benzyl Alcohol	7.09	79	95897	44.49	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.26	45	141958	40.27	ng		96
17) 2-Methylphenol	7.25	107	94663	42.13	ng		98
18) Hexachloroethane	7.50	117	44668	41.40	ng		88
19) n-Nitroso-di-n-propylamine	7.42	70	87841	43.41	ng		94
20) 3+4-Methylphenols	7.45	107	122352	40.82	ng		93
22) Acetophenone	7.40	105	156042	39.71	ng	#	88
24) Nitrobenzene	7.61	77	119447	41.06	ng	#	79
25) Isophorone	7.92	82	221988	42.04	ng		98
26) 2-Nitrophenol	8.01	139	61438	44.32	ng		98
27) 2,4-Dimethylphenol	8.09	122	101759	39.48	ng		93
28) bis(2-Chloroethoxy)methane	8.20	93	129525	38.25	ng		98
29) 2,4-Dichlorophenol	8.32	162	96267	41.05	ng		98
30) 1,2,4-Trichlorobenzene	8.40	180	104019	38.69	ng		95
31) Naphthalene	8.49	128	341571	38.91	ng		99
32) Benzoic acid	8.24	122	52128m	43.61	ng		
33) 4-Chloroaniline	8.58	127	152228	41.79	ng		100
34) Hexachlorobutadiene	8.65	225	59312	40.18	ng		97
35) Caprolactam	9.01	113	31031	44.33	ng		96
36) 4-Chloro-3-methylphenol	9.21	107	100775	42.59	ng	#	81
37) 2-Methylnaphthalene	9.34	142	226743	38.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	101877	39.36	ng		98
40) Hexachlorocyclopentadiene	9.54	237	43229	42.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	73219	44.85	ng		100
43) 2,4,5-Trichlorophenol	9.76	196	75311	44.16	ng		93
45) 1,1'-Biphenyl	9.93	154	268633	39.31	ng		97
46) 2-Chloronaphthalene	9.95	162	217573	40.47	ng		93
47) 2-Nitroaniline	10.09	65	63240	47.54	ng	#	75
48) Acenaphthylene	10.45	152	358799	41.33	ng		99
49) Dimethylphthalate	10.33	163	241983	38.56	ng		99
50) 2,6-Dinitrotoluene	10.40	165	53011	41.05	ng	#	52
51) Acenaphthene	10.67	154	195518	40.00	ng		100
52) 3-Nitroaniline	10.60	138	68441	46.61	ng		87
53) 2,4-Dinitrophenol	10.74	184	17559	45.69	ng	#	87
54) Dibenzofuran	10.88	168	305235	40.89	ng		100
55) 4-Nitrophenol	10.84	139	40902m	39.29	ng		
56) 2,4-Dinitrotoluene	10.89	165	71173	42.56	ng	#	60
57) Fluorene	11.30	166	245531	40.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	52408	41.45	ng	#	99
59) Diethylphthalate	11.21	149	246911	40.80	ng		98
60) 4-Chlorophenyl-phenylether	11.32	204	111806	40.16	ng		96
61) 4-Nitroaniline	11.34	138	62148	41.87	ng		93
62) Azobenzene	11.52	77	244279	44.23	ng		84
64) 4,6-Dinitro-2-methylphenol	11.39	198	33725	44.81	ng	#	66
65) n-Nitrosodiphenylamine	11.47	169	225919	42.41	ng		99
66) 4-Bromophenyl-phenylether	11.92	248	67636	41.47	ng		95
67) Hexachlorobenzene	11.97	284	71920	40.24	ng	#	92
68) Atrazine	12.14	200	63990	41.47	ng		96
69) Pentachlorophenol	12.22	266	33349	45.75	ng		99
70) Phenanthrene	12.48	178	350331	39.32	ng		99
71) Anthracene	12.55	178	375103	42.73	ng		99
72) Carbazole	12.76	167	337422	41.01	ng		99
73) Di-n-butylphthalate	13.22	149	387946	41.62	ng		99
74) Fluoranthene	13.94	202	383469	40.82	ng		98
76) Benzidine	14.13	184	213950	35.49	ng		99
77) Pyrene	14.21	202	398137	40.51	ng		99
79) Butylbenzylphthalate	15.07	149	175727	46.92	ng	#	80
80) Benzo(a)anthracene	15.71	228	370393	39.77	ng		100
81) 3,3'-Dichlorobenzidine	15.70	252	132266	42.40	ng	#	97
82) Chrysene	15.76	228	354088	40.46	ng		100
83) Bis(2-ethylhexyl)phthalate	15.80	149	247717	42.17	ng	#	97
84) Di-n-octyl phthalate	16.60	149	426740	44.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.76	276	405328	40.82	ng	#	86
87) Benzo(b)fluoranthene	17.03	252	345527	37.31	ng	#	98
88) Benzo(k)fluoranthene	17.06	252	362711m	44.08	ng		
89) Benzo(a)pyrene	17.41	252	337528	41.76	ng	#	97
90) Dibenzo(a,h)anthracene	18.79	278	321793	39.77	ng		98
91) Benzo(g,h,i)perylene	19.12	276	332668m	41.01	ng		

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

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