Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081949.D
Acq On : 1 Oct 2015 20:11
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
10/2/2015 9:02:51 AM

Quant Time: Oct 02 03:11:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137690	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	545099	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	267947	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	514904	20.00	ng		-0.03
75) Chrysene-d12	14.06	240	435293	20.00	ng		-0.06
86) Perylene-d12	15.51	264	350822	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	550095	72.53	ng		-0.03
7) Phenol-d6	6.53	99	680056	71.25	ng		-0.03
23) Nitrobenzene-d5	7.47	82	643879	78.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	210547	77.59	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1170073	70.72	ng		-0.05
78) Terphenyl-d14	13.01	244	1155152	85.98	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	134407	40.75	ng		84
3) Pyridine	3.25	79	324484	37.79	ng	#	83
4) n-Nitrosodimethylamine	3.21	42	133342	34.19	ng		90
6) Aniline	6.56	93	463647	36.16	ng	#	87
8) 2-Chlorophenol	6.69	128	311487	37.19	ng		95
9) Benzaldehyde	6.45	77	199841	31.97	ng	#	78
10) Phenol	6.54	94	380233	35.52	ng		70
11) bis(2-Chloroethyl)ether	6.64	93	337822	40.69	ng		91
12) 1,3-Dichlorobenzene	6.83	146	370515m	37.45	ng		
13) 1,4-Dichlorobenzene	6.91	146	394268m	38.16	ng		
14) 1,2-Dichlorobenzene	7.07	146	345030	37.48	ng		99
15) Benzyl Alcohol	7.04	79	229919	33.37	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	410784	35.00	ng		79
17) 2-Methylphenol	7.15	107	267915	39.45	ng	#	86
18) Hexachloroethane	7.41	117	124971	38.64	ng		89
19) n-Nitroso-di-n-propylamine	7.31	70	202428	34.90	ng	#	77
20) 3+4-Methylphenols	7.30	107	297732	34.71	ng	#	75
22) Acetophenone	7.31	105	425371	38.17	ng	#	83
24) Nitrobenzene	7.49	77	321161	36.17	ng	#	67
25) Isophorone	7.73	82	612186	37.77	ng	#	92
26) 2-Nitrophenol	7.81	139	184203	43.22	ng	#	82
27) 2,4-Dimethylphenol	7.84	122	294060	39.22	ng	#	83
28) bis(2-Chloroethoxy)methane	7.94	93	362768	37.69	ng	#	96
29) 2,4-Dichlorophenol	8.05	162	289739	39.85	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	317501	39.12	ng		98
31) Naphthalene	8.21	128	860627	35.63	ng		97
32) Benzoic acid	7.95	122	147852	35.26	ng	#	69
33) 4-Chloroaniline	8.26	127	398053	38.11	ng	#	96
34) Hexachlorobutadiene	8.32	225	188820	39.33	ng		98
35) Caprolactam	8.64	113	83399	41.43	ng		94
36) 4-Chloro-3-methylphenol	8.73	107	271037	38.12	ng	#	80
37) 2-Methylnaphthalene	8.89	142	604960	36.69	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	325905	39.62	ng		98
40) Hexachlorocyclopentadiene	9.05	237	163969	38.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	199636	35.40	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	245486	42.33	ng		97
45) 1,1'-Biphenyl	9.36	154	741320	35.86	ng		93
46) 2-Chloronaphthalene	9.38	162	589417	36.31	ng	#	93
47) 2-Nitroaniline	9.49	65	188941	39.65	ng	#	80
48) Acenaphthylene	9.81	152	982456	37.82	ng		97
49) Dimethylphthalate	9.67	163	733890	39.68	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	153606	38.25	ng	#	68
51) Acenaphthene	9.98	154	607385	39.37	ng		89
52) 3-Nitroaniline	9.90	138	185449	39.92	ng	#	68
53) 2,4-Dinitrophenol	10.00	184	65718	46.99	ng	#	62
54) Dibenzofuran	10.15	168	827209	37.94	ng		94
55) 4-Nitrophenol	10.06	139	116349	34.66	ng	#	72
56) 2,4-Dinitrotoluene	10.13	165	189132	36.95	ng	#	73
57) Fluorene	10.49	166	645825	41.24	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	200308m	43.54	ng		
59) Diethylphthalate	10.35	149	667856	38.66	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	317115	39.73	ng		94
61) 4-Nitroaniline	10.51	138	184167	39.54	ng	#	53
62) Azobenzene	10.64	77	666403	39.52	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	108538	46.74	ng	#	73
65) n-Nitrosodiphenylamine	10.61	169	590104	37.88	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	214121	41.24	ng	#	91
67) Hexachlorobenzene	11.03	284	205285	35.04	ng	#	90
68) Atrazine	11.12	200	186698	38.62	ng		83
69) Pentachlorophenol	11.22	266	133658	40.04	ng		99
70) Phenanthrene	11.45	178	963568	38.65	ng		96
71) Anthracene	11.50	178	992405	37.92	ng		96
72) Carbazole	11.66	167	937517	39.58	ng		95
73) Di-n-butylphthalate	11.98	149	1008452	41.70	ng	#	97
74) Fluoranthene	12.63	202	1009248	36.59	ng		93
76) Benzidine	12.77	184	546297	41.65	ng	#	97
77) Pyrene	12.87	202	1023784	39.37	ng		97
79) Butylbenzylphthalate	13.49	149	433934	44.35	ng	#	83
80) Benzo(a)anthracene	14.05	228	881245	37.60	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	344675	43.54	ng	#	93
82) Chrysene	14.09	228	951484	48.38	ng		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	558989	45.54	ng	#	92
84) Di-n-octyl phthalate	14.65	149	942723	47.19	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	675964	36.86	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	683545m	34.13	ng		
88) Benzo(k)fluoranthene	15.12	252	846980m	46.14	ng		
89) Benzo(a)pyrene	15.45	252	695258	40.02	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	552369	37.89	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	532062	35.62	ng	#	76

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

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