Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076840.D
Acq On : 13 Jan 2015 12:15
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
tejaskumar
1/14/2015 5:21:58 PM

Quant Time: Jan 14 10:51:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30658	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	136228	20.00	ng		-0.03
38) Acenaphthene-d10	15.09	164	67908	20.00	ng		-0.05
63) Phenanthrene-d10	17.82	188	118867	20.00	ng		-0.03
75) Chrysene-d12	21.31	240	113895	20.00	ng		-0.05
86) Perylene-d12	22.96	264	103002	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	159772	86.96	ng		-0.05
7) Phenol-d6	7.46	99	203476	87.97	ng		-0.03
23) Nitrobenzene-d5	9.35	82	207368	84.59	ng		-0.03
41) 2,4,6-Tribromophenol	16.73	330	51515	90.89	ng		-0.05
44) 2-Fluorobiphenyl	13.60	172	405834	87.96	ng		-0.05
78) Terphenyl-d14	20.04	244	409979	79.03	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.33	88	33302	42.51	ng		94
3) Pyridine	1.82	79	96204	46.13	ng		95
4) n-Nitrosodimethylamine	1.78	42	45869	43.76	ng	#	76
6) Aniline	7.34	93	138054	43.23	ng		97
8) 2-Chlorophenol	7.59	128	95374	43.90	ng		98
9) Benzaldehyde	7.06	77	49704	36.20	ng		95
10) Phenol	7.49	94	109332	43.39	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	83932	41.56	ng		92
12) 1,3-Dichlorobenzene	7.91	146	105232	43.63	ng		95
13) 1,4-Dichlorobenzene	8.09	146	109485	43.28	ng		97
14) 1,2-Dichlorobenzene	8.41	146	101587	43.10	ng		97
15) Benzyl Alcohol	8.48	79	84168	43.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.84	45	113859	41.96	ng		77
17) 2-Methylphenol	8.84	107	74928	43.08	ng		99
18) Hexachloroethane	9.16	117	40086	43.84	ng		95
19) n-Nitroso-di-n-propylamine	9.12	70	69970	42.58	ng		96
20) 3+4-Methylphenols	9.21	107	101298	44.09	ng		97
22) Acetophenone	9.04	105	137417	41.05	ng		97
24) Nitrobenzene	9.40	77	102786	41.51	ng		98
25) Isophorone	9.99	82	181507	40.71	ng		96
26) 2-Nitrophenol	10.14	139	51714	43.66	ng		94
27) 2,4-Dimethylphenol	10.40	122	81247	42.24	ng		99
28) bis(2-Chloroethoxy)methane	10.61	93	105889	40.44	ng		100
29) 2,4-Dichlorophenol	10.73	162	77701	42.46	ng		95
30) 1,2,4-Trichlorobenzene	10.87	180	84164	40.76	ng		96
31) Naphthalene	11.01	128	288124	41.23	ng		99
32) Benzoic acid	10.76	122	41401m	44.09	ng		
33) 4-Chloroaniline	11.25	127	116940	42.71	ng		98
34) Hexachlorobutadiene	11.37	225	48347	40.94	ng		98
35) Caprolactam	12.06	113	22718	41.81	ng		94
36) 4-Chloro-3-methylphenol	12.54	107	85949	42.32	ng		99
37) 2-Methylnaphthalene	12.67	142	197968	40.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	76193	45.16	ng		96
40) Hexachlorocyclopentadiene	13.05	237	34879	41.10	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.41	196	56097	45.77	ng		96
43) 2,4,5-Trichlorophenol	13.49	196	60383	46.87	ng		95
45) 1,1'-Biphenyl	13.81	154	231716	44.38	ng		99
46) 2-Chloronaphthalene	13.79	162	191382	45.61	ng		99
47) 2-Nitroaniline	14.13	65	59683	47.73	ng		96
48) Acenaphthylene	14.75	152	311592	43.82	ng		99
49) Dimethylphthalate	14.68	163	214323	43.43	ng		99
50) 2,6-Dinitrotoluene	14.77	165	44869	42.88	ng		94
51) Acenaphthene	15.17	154	178138	44.35	ng		97
52) 3-Nitroaniline	15.12	138	54192	45.31	ng		88
53) 2,4-Dinitrophenol	15.40	184	14427	48.05	ng		95
54) Dibenzofuran	15.58	168	253871	43.20	ng		99
55) 4-Nitrophenol	15.71	139	35342	45.90	ng		99
56) 2,4-Dinitrotoluene	15.69	165	60952	45.62	ng	#	94
57) Fluorene	16.29	166	215624	43.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	42055	45.13	ng		94
59) Diethylphthalate	16.28	149	221940	43.65	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	89393	42.44	ng		89
61) 4-Nitroaniline	16.41	138	52077	47.07	ng		91
62) Azobenzene	16.65	77	227380	43.62	ng		97
64) 4,6-Dinitro-2-methylphenol	16.48	198	30599	45.38	ng		88
65) n-Nitrosodiphenylamine	16.61	169	180771	41.87	ng		98
66) 4-Bromophenyl-phenylether	17.20	248	51090	41.42	ng		98
67) Hexachlorobenzene	17.23	284	54113	41.92	ng		92
68) Atrazine	17.56	200	52863	40.43	ng		95
69) Pentachlorophenol	17.58	266	20885	42.99	ng		93
70) Phenanthrene	17.85	178	306144	41.33	ng		99
71) Anthracene	17.93	178	304423	42.31	ng		99
72) Carbazole	18.22	167	295217	41.85	ng		99
73) Di-n-butylphthalate	18.79	149	346901	41.39	ng		100
74) Fluoranthene	19.50	202	319166	42.07	ng		97
76) Benzidine	19.73	184	155052	43.52	ng		97
77) Pyrene	19.77	202	326399	39.83	ng		99
79) Butylbenzylphthalate	20.70	149	154887	40.72	ng		88
80) Benzo(a)anthracene	21.29	228	304062	41.91	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	96408	41.61	ng	#	96
82) Chrysene	21.34	228	275780	42.01	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	210064	39.86	ng	#	99
84) Di-n-octyl phthalate	22.20	149	374317	42.09	ng		100
85) Indeno(1,2,3-cd)pyrene	24.08	276	299223	46.06	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	297509	41.70	ng	#	96
88) Benzo(k)fluoranthene	22.57	252	246195m	39.48	ng		
89) Benzo(a)pyrene	22.89	252	258053	42.09	ng	#	95
90) Dibenzo(a,h)anthracene	24.12	278	235113	42.09	ng		98
91) Benzo(g,h,i)perylene	24.39	276	245067	42.99	ng		98

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

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