Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077098.D
Acq On : 28 Jan 2015 12:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
1/29/2015 4:06:22 PM

Quant Time: Jan 28 16:16:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 16:07:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31375	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	137156	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	71940	20.00	ng		0.00
63) Phenanthrene-d10	17.60	188	120045	20.00	ng		0.00
75) Chrysene-d12	21.11	240	114259	20.00	ng		0.00
86) Perylene-d12	22.81	264	96683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.74	112	162076	84.93	ng		0.00
7) Phenol-d6	7.14	99	195921	81.39	ng		0.00
23) Nitrobenzene-d5	9.03	82	203329	82.13	ng		0.00
41) 2,4,6-Tribromophenol	16.48	330	49094	84.07	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	390312	82.57	ng		0.00
78) Terphenyl-d14	19.84	244	397094	80.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	27680m	33.88	ng		
3) Pyridine	1.57	79	73739	34.88	ng		97
4) n-Nitrosodimethylamine	1.53	42	43923	41.94	ng		98
6) Aniline	7.01	93	135495	40.67	ng		100
8) 2-Chlorophenol	7.25	128	89180	40.54	ng		94
9) Benzaldehyde	6.72	77	51581	37.04	ng		98
10) Phenol	7.17	94	104152	40.74	ng		93
11) bis(2-Chloroethyl)ether	7.27	93	83280	41.64	ng	#	76
12) 1,3-Dichlorobenzene	7.57	146	105459	42.13	ng		95
13) 1,4-Dichlorobenzene	7.76	146	110660	41.69	ng		96
14) 1,2-Dichlorobenzene	8.07	146	103943	42.50	ng		97
15) Benzyl Alcohol	8.17	79	84776	43.52	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	108356	40.30	ng		99
17) 2-Methylphenol	8.53	107	74793	41.60	ng		99
18) Hexachloroethane	8.82	117	39868	43.19	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	69336	41.15	ng		96
20) 3+4-Methylphenols	8.90	107	96353	40.48	ng		98
22) Acetophenone	8.72	105	137993	41.08	ng		97
24) Nitrobenzene	9.08	77	102063	40.47	ng		96
25) Isophorone	9.67	82	180434	40.02	ng		98
26) 2-Nitrophenol	9.81	139	49041	38.34	ng	#	82
27) 2,4-Dimethylphenol	10.10	122	79699	40.87	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	102542	40.01	ng		98
29) 2,4-Dichlorophenol	10.41	162	75602	41.59	ng		97
30) 1,2,4-Trichlorobenzene	10.55	180	83870	41.54	ng		96
31) Naphthalene	10.68	128	281532	39.87	ng		99
32) Benzoic acid	10.48	122	41825m	38.71	ng		
33) 4-Chloroaniline	10.93	127	111654	39.13	ng		99
34) Hexachlorobutadiene	11.05	225	49698	41.49	ng		93
35) Caprolactam	11.81	113	20896	39.05	ng		88
36) 4-Chloro-3-methylphenol	12.24	107	85955	41.30	ng		99
37) 2-Methylnaphthalene	12.33	142	190283	39.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.73	216	73274	41.20	ng		98
40) Hexachlorocyclopentadiene	12.72	237	34133	38.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	54776	42.27	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	57860	43.78	ng		97
45) 1,1'-Biphenyl	13.49	154	226147	42.40	ng		97
46) 2-Chloronaphthalene	13.47	162	184822	42.11	ng		98
47) 2-Nitroaniline	13.81	65	57895	43.49	ng		93
48) Acenaphthylene	14.41	152	306028	41.34	ng		99
49) Dimethylphthalate	14.37	163	208895	40.95	ng		98
50) 2,6-Dinitrotoluene	14.46	165	44013	43.18	ng	#	90
51) Acenaphthene	14.84	154	167560	39.89	ng		96
52) 3-Nitroaniline	14.80	138	52210	39.55	ng		92
53) 2,4-Dinitrophenol	15.09	184	13598	36.00	ng		91
54) Dibenzofuran	15.26	168	253493	41.43	ng		99
55) 4-Nitrophenol	15.42	139	32639	40.81	ng		96
56) 2,4-Dinitrotoluene	15.40	165	57642	38.17	ng	#	93
57) Fluorene	16.01	166	205427	39.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.61	232	43742	45.45	ng	#	96
59) Diethylphthalate	16.01	149	219398	42.55	ng		98
60) 4-Chlorophenyl-phenylether	16.11	204	87405	41.21	ng		95
61) 4-Nitroaniline	16.16	138	47723	37.47	ng		91
62) Azobenzene	16.40	77	227814	42.41	ng		99
64) 4,6-Dinitro-2-methylphenol	16.24	198	26174	34.90	ng		90
65) n-Nitrosodiphenylamine	16.36	169	174917	40.86	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	52028	42.78	ng	#	86
67) Hexachlorobenzene	16.99	284	51761	40.39	ng		96
68) Atrazine	17.35	200	54124	41.67	ng		93
69) Pentachlorophenol	17.35	266	25500	46.54	ng		96
70) Phenanthrene	17.64	178	299796	40.05	ng		98
71) Anthracene	17.72	178	297172	40.71	ng		99
72) Carbazole	18.00	167	281186	39.71	ng		98
73) Di-n-butylphthalate	18.61	149	353374	43.12	ng		99
74) Fluoranthene	19.28	202	307476	40.08	ng		98
76) Benzidine	19.53	184	71761	19.63	ng		98
77) Pyrene	19.57	202	316876	40.47	ng		99
79) Butylbenzylphthalate	20.51	149	149878	42.26	ng	#	82
80) Benzo(a)anthracene	21.10	228	285610	39.84	ng		100
81) 3,3'-Dichlorobenzidine	21.11	252	94910	41.66	ng		98
82) Chrysene	21.15	228	261582	40.01	ng		100
83) Bis(2-ethylhexyl)phthalate	21.26	149	212354	43.28	ng		100
84) Di-n-octyl phthalate	22.05	149	369994	43.45	ng		97
85) Indeno(1,2,3-cd)pyrene	23.99	276	283929	40.98	ng	#	85
87) Benzo(b)fluoranthene	22.38	252	294107	45.17	ng		99
88) Benzo(k)fluoranthene	22.41	252	220862m	38.82	ng		
89) Benzo(a)pyrene	22.75	252	243431	42.38	ng	#	96
90) Dibenzo(a,h)anthracene	24.01	278	221529	42.03	ng	#	95
91) Benzo(g,h,i)perylene	24.27	276	224880	42.92	ng		96

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

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