Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077066.D
Acq On : 27 Jan 2015 00:12
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
1/28/2015 5:41:28 PM

Quant Time: Jan 28 12:47:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 01:21:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	24831	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	103852	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	56723	20.00	ng		0.00
63) Phenanthrene-d10	17.64	188	93828	20.00	ng		0.00
75) Chrysene-d12	21.15	240	93531	20.00	ng		0.00
86) Perylene-d12	22.78	264	84938	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	124249	82.27	ng		0.00
7) Phenol-d6	7.17	99	150502	79.00	ng		0.00
23) Nitrobenzene-d5	9.06	82	152445	81.32	ng		0.00
41) 2,4,6-Tribromophenol	16.52	330	36848	80.03	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	300656	80.66	ng		0.00
78) Terphenyl-d14	19.88	244	334193	82.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.14	88	21461	33.19	ng		96
3) Pyridine	1.59	79	65417	39.09	ng		95
4) n-Nitrosodimethylamine	1.56	42	29889	36.06	ng		96
6) Aniline	7.05	93	104259	39.54	ng		97
8) 2-Chlorophenol	7.29	128	69198	39.74	ng		95
9) Benzaldehyde	6.77	77	39204	35.28	ng		95
10) Phenol	7.19	94	79271	39.18	ng		88
11) bis(2-Chloroethyl)ether	7.30	93	63181	39.91	ng	#	78
12) 1,3-Dichlorobenzene	7.61	146	79717	40.24	ng		94
13) 1,4-Dichlorobenzene	7.81	146	82823	39.43	ng		98
14) 1,2-Dichlorobenzene	8.12	146	77631	40.11	ng		98
15) Benzyl Alcohol	8.21	79	61743	40.05	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	84019	39.49	ng		91
17) 2-Methylphenol	8.55	107	57078	40.12	ng		95
18) Hexachloroethane	8.86	117	30211	41.35	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	50988	38.23	ng		95
20) 3+4-Methylphenols	8.94	107	71814	38.12	ng		95
22) Acetophenone	8.76	105	102728	40.39	ng		98
24) Nitrobenzene	9.11	77	78560	41.14	ng		98
25) Isophorone	9.70	82	136438	39.97	ng		100
26) 2-Nitrophenol	9.85	139	37292	38.50	ng		97
27) 2,4-Dimethylphenol	10.13	122	58795	39.82	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	80118	41.29	ng		98
29) 2,4-Dichlorophenol	10.45	162	54884	39.88	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	62492	40.88	ng		94
31) Naphthalene	10.72	128	217038	40.59	ng		99
32) Benzoic acid	10.51	122	30200m	36.91	ng		
33) 4-Chloroaniline	10.97	127	85352	39.51	ng		98
34) Hexachlorobutadiene	11.09	225	37842	41.72	ng		97
35) Caprolactam	11.82	113	16650	41.09	ng		92
36) 4-Chloro-3-methylphenol	12.28	107	62112	39.41	ng		98
37) 2-Methylnaphthalene	12.38	142	148945	40.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	57248	40.82	ng		98
40) Hexachlorocyclopentadiene	12.77	237	25178	36.02	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	40668	39.80	ng		91
43) 2,4,5-Trichlorophenol	13.21	196	42571m	40.85	ng		
45) 1,1'-Biphenyl	13.53	154	171759	40.85	ng		99
46) 2-Chloronaphthalene	13.51	162	141829	40.99	ng		97
47) 2-Nitroaniline	13.85	65	43592	41.53	ng		91
48) Acenaphthylene	14.45	152	241306	41.34	ng		99
49) Dimethylphthalate	14.41	163	161267	40.09	ng		99
50) 2,6-Dinitrotoluene	14.51	165	33873	42.15	ng		97
51) Acenaphthene	14.88	154	134428	40.59	ng		97
52) 3-Nitroaniline	14.85	138	38931	37.51	ng		84
53) 2,4-Dinitrophenol	15.13	184	10639m	35.82	ng		
54) Dibenzofuran	15.31	168	198040	41.05	ng		98
55) 4-Nitrophenol	15.45	139	21384	33.91	ng		95
56) 2,4-Dinitrotoluene	15.44	165	46203	38.77	ng		96
57) Fluorene	16.05	166	166429	40.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	30592	40.32	ng	#	97
59) Diethylphthalate	16.06	149	170553	41.95	ng		99
60) 4-Chlorophenyl-phenylether	16.15	204	68198	40.78	ng	#	85
61) 4-Nitroaniline	16.20	138	36180	36.08	ng		91
62) Azobenzene	16.44	77	176826	41.74	ng		98
64) 4,6-Dinitro-2-methylphenol	16.28	198	21544	36.57	ng		95
65) n-Nitrosodiphenylamine	16.39	169	134926	40.33	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	39642	41.70	ng	#	83
67) Hexachlorobenzene	17.02	284	41836	41.76	ng		92
68) Atrazine	17.39	200	41328	40.71	ng		96
69) Pentachlorophenol	17.39	266	16512	39.74	ng		91
70) Phenanthrene	17.67	178	239244	40.89	ng		98
71) Anthracene	17.74	178	233961	41.00	ng		100
72) Carbazole	18.04	167	232534	42.02	ng		99
73) Di-n-butylphthalate	18.63	149	282972	44.17	ng		99
74) Fluoranthene	19.32	202	248708	41.48	ng		100
76) Benzidine	19.56	184	122245	40.84	ng		99
77) Pyrene	19.60	202	260434	40.63	ng		100
79) Butylbenzylphthalate	20.54	149	122263	42.12	ng		92
80) Benzo(a)anthracene	21.13	228	251097	42.79	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	80130	42.97	ng	#	96
82) Chrysene	21.17	228	203668	38.06	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	176481	43.94	ng		97
84) Di-n-octyl phthalate	22.05	149	311072	44.62	ng		99
85) Indeno(1,2,3-cd)pyrene	23.85	276	246724	43.50	ng	#	84
87) Benzo(b)fluoranthene	22.37	252	245378	42.89	ng		99
88) Benzo(k)fluoranthene	22.40	252	195558m	39.13	ng		
89) Benzo(a)pyrene	22.72	252	204637	40.55	ng		99
90) Dibenzo(a,h)anthracene	23.89	278	192867	41.66	ng		98
91) Benzo(g,h,i)perylene	24.14	276	197480	42.90	ng		97

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

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