Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077459.D
Acq On : 26 Feb 2015 5:17
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
2/27/2015 10:56:41 AM

Quant Time: Feb 26 17:20:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 16:57:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	59647	20.00	ng		-0.03
21) Naphthalene-d8	8.88	136	242636	20.00	ng		-0.03
38) Acenaphthene-d10	11.05	164	122976	20.00	ng		-0.05
63) Phenanthrene-d10	12.89	188	239775	20.00	ng		-0.05
75) Chrysene-d12	16.19	240	224039	20.00	ng		-0.03
86) Perylene-d12	17.94	264	224364	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	280018	78.37	ng		-0.02
7) Phenol-d6	6.85	99	338165	73.61	ng		-0.02
23) Nitrobenzene-d5	7.98	82	292525	74.97	ng		-0.05
41) 2,4,6-Tribromophenol	12.03	330	98413	83.11	ng		-0.03
44) 2-Fluorobiphenyl	10.21	172	611708	77.56	ng		-0.05
78) Terphenyl-d14	14.89	244	721459	75.28	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	53950	35.58	ng		95
3) Pyridine	2.98	79	141284	32.57	ng		95
4) n-Nitrosodimethylamine	2.89	42	74001	39.24	ng		96
6) Aniline	6.88	93	223563	35.21	ng	#	45
8) 2-Chlorophenol	7.02	128	158357	37.57	ng		97
9) Benzaldehyde	6.74	77	82278	29.50	ng		88
10) Phenol	6.88	94	194510	35.69	ng	#	51
11) bis(2-Chloroethyl)ether	6.98	93	135998	34.72	ng		90
12) 1,3-Dichlorobenzene	7.22	146	174269	37.97	ng		94
13) 1,4-Dichlorobenzene	7.32	146	168832	36.16	ng		96
14) 1,2-Dichlorobenzene	7.50	146	160657	36.17	ng		96
15) Benzyl Alcohol	7.47	79	127726	36.58	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.65	45	190212	33.97	ng		98
17) 2-Methylphenol	7.62	107	124736	37.86	ng		96
18) Hexachloroethane	7.92	117	53265	34.16	ng	#	83
19) n-Nitroso-di-n-propylamine	7.81	70	104766	35.91	ng	#	89
20) 3+4-Methylphenols	7.81	107	161239	37.16	ng	#	76
22) Acetophenone	7.80	105	217168	38.05	ng	#	88
24) Nitrobenzene	8.01	77	154560	37.65	ng	#	85
25) Isophorone	8.30	82	271443	35.06	ng	#	93
26) 2-Nitrophenol	8.41	139	41348	24.57	ng	#	89
27) 2,4-Dimethylphenol	8.46	122	139507	37.06	ng		97
28) bis(2-Chloroethoxy)methane	8.59	93	170704	34.91	ng		99
29) 2,4-Dichlorophenol	8.70	162	134064	37.94	ng		97
30) 1,2,4-Trichlorobenzene	8.81	180	141746	36.49	ng		98
31) Naphthalene	8.90	128	456236	37.60	ng		99
32) Benzoic acid	8.54	122	79708m	43.57	ng		
33) 4-Chloroaniline	8.97	127	193283	35.83	ng	#	89
34) Hexachlorobutadiene	9.06	225	75337	33.97	ng		97
35) Caprolactam	9.40	113	40183	37.25	ng		97
36) 4-Chloro-3-methylphenol	9.57	107	127293	35.83	ng		90
37) 2-Methylnaphthalene	9.76	142	300087	34.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	134734	38.18	ng		99
40) Hexachlorocyclopentadiene	9.95	237	27807	14.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	97071	41.54	ng		97
43) 2,4,5-Trichlorophenol	10.16	196	106635	42.68	ng	#	94
45) 1,1'-Biphenyl	10.34	154	364852	39.16	ng		97
46) 2-Chloronaphthalene	10.36	162	295742	40.47	ng		97
47) 2-Nitroaniline	10.49	65	83810	46.60	ng	#	85
48) Acenaphthylene	10.88	152	474532	41.02	ng		99
49) Dimethylphthalate	10.73	163	336848	38.97	ng		98
50) 2,6-Dinitrotoluene	10.80	165	64669	37.30	ng	#	72
51) Acenaphthene	11.09	154	263998	38.25	ng		99
52) 3-Nitroaniline	11.00	138	94710	47.39	ng		86
53) 2,4-Dinitrophenol	11.13	184	1818	3.45	ng	#	57
54) Dibenzofuran	11.30	168	408224	38.30	ng		97
55) 4-Nitrophenol	11.21	139	55359	34.44	ng	#	66
56) 2,4-Dinitrotoluene	11.29	165	81663	34.86	ng	#	75
57) Fluorene	11.73	166	337244	39.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	84090	41.86	ng		100
59) Diethylphthalate	11.60	149	323112	37.91	ng		98
60) 4-Chlorophenyl-phenylether	11.73	204	148339	36.13	ng	#	89
61) 4-Nitroaniline	11.76	138	94323	49.24	ng		87
62) Azobenzene	11.93	77	295965	36.60	ng		95
64) 4,6-Dinitro-2-methylphenol	11.79	198	2713	6.33	ng	#	26
65) n-Nitrosodiphenylamine	11.88	169	294817	37.06	ng		99
66) 4-Bromophenyl-phenylether	12.34	248	91247	32.50	ng	#	86
67) Hexachlorobenzene	12.41	284	100467	33.34	ng	#	81
68) Atrazine	12.56	200	86959	33.62	ng		95
69) Pentachlorophenol	12.65	266	70488	44.50	ng		98
70) Phenanthrene	12.92	178	496941	35.76	ng		99
71) Anthracene	12.99	178	498798	36.17	ng		98
72) Carbazole	13.19	167	469750	35.82	ng		98
73) Di-n-butylphthalate	13.64	149	516166	33.52	ng		98
74) Fluoranthene	14.40	202	504125	33.21	ng		98
76) Benzidine	14.58	184	265298	35.05	ng		98
77) Pyrene	14.68	202	539848	39.39	ng		99
79) Butylbenzylphthalate	15.51	149	231129	40.99	ng		96
80) Benzo(a)anthracene	16.17	228	485799	37.00	ng		99
81) 3,3'-Dichlorobenzidine	16.15	252	183576	38.16	ng	#	96
82) Chrysene	16.21	228	456337	37.01	ng		99
83) Bis(2-ethylhexyl)phthalate	16.23	149	305223	33.76	ng	#	98
84) Di-n-octyl phthalate	17.03	149	514537	34.09	ng	#	91
85) Indeno(1,2,3-cd)pyrene	19.41	276	543159m	38.64	ng		
87) Benzo(b)fluoranthene	17.48	252	498464	38.21	ng	#	85
88) Benzo(k)fluoranthene	17.52	252	393383m	30.77	ng		
89) Benzo(a)pyrene	17.87	252	432359	34.79	ng	#	87
90) Dibenzo(a,h)anthracene	19.45	278	434655	36.68	ng	#	93
91) Benzo(g,h,i)perylene	19.85	276	438387	36.65	ng		98

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

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