Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076853.D
Acq On : 13 Jan 2015 20:53
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
tejaskumar
1/14/2015 5:22:09 PM

Quant Time: Jan 14 12:05:31 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	30285	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	126521	20.00	ng		-0.03
38) Acenaphthene-d10	15.09	164	68605	20.00	ng		-0.05
63) Phenanthrene-d10	17.82	188	114082	20.00	ng		-0.03
75) Chrysene-d12	21.31	240	113433	20.00	ng		-0.05
86) Perylene-d12	22.96	264	108630	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	158320	87.23	ng		-0.05
7) Phenol-d6	7.45	99	198708	86.97	ng		-0.05
23) Nitrobenzene-d5	9.35	82	199673	87.70	ng		-0.03
41) 2,4,6-Tribromophenol	16.73	330	47570	83.07	ng		-0.05
44) 2-Fluorobiphenyl	13.60	172	378538	81.21	ng		-0.05
78) Terphenyl-d14	20.04	244	392677	76.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.33	88	29993	38.75	ng		98
3) Pyridine	1.82	79	96596	46.89	ng		98
4) n-Nitrosodimethylamine	1.78	42	39976	38.60	ng	#	71
6) Aniline	7.34	93	135545	42.97	ng		98
8) 2-Chlorophenol	7.59	128	89622	41.76	ng		98
9) Benzaldehyde	7.06	77	47298	34.87	ng		99
10) Phenol	7.49	94	108915	43.75	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	81124	40.67	ng		93
12) 1,3-Dichlorobenzene	7.90	146	101853	42.75	ng		99
13) 1,4-Dichlorobenzene	8.09	146	107900	43.18	ng		98
14) 1,2-Dichlorobenzene	8.41	146	98131	42.14	ng		98
15) Benzyl Alcohol	8.48	79	83578	43.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.84	45	105351	39.30	ng		70
17) 2-Methylphenol	8.84	107	73944	43.03	ng		94
18) Hexachloroethane	9.16	117	37966	42.03	ng		95
19) n-Nitroso-di-n-propylamine	9.11	70	66557	41.00	ng	#	95
20) 3+4-Methylphenols	9.21	107	97795	43.09	ng		91
22) Acetophenone	9.04	105	131845	42.41	ng		99
24) Nitrobenzene	9.40	77	101394	44.09	ng		95
25) Isophorone	9.99	82	177073	42.77	ng		97
26) 2-Nitrophenol	10.13	139	48514	44.10	ng		95
27) 2,4-Dimethylphenol	10.40	122	79251	44.36	ng		95
28) bis(2-Chloroethoxy)methane	10.61	93	100855	41.47	ng		97
29) 2,4-Dichlorophenol	10.73	162	75454	44.39	ng		94
30) 1,2,4-Trichlorobenzene	10.87	180	82429	42.98	ng		93
31) Naphthalene	11.01	128	276179	42.55	ng		97
32) Benzoic acid	10.76	122	44519m	51.05	ng		
33) 4-Chloroaniline	11.25	127	113723	44.73	ng		97
34) Hexachlorobutadiene	11.37	225	46823	42.69	ng		98
35) Caprolactam	12.07	113	21885	43.36	ng	#	92
36) 4-Chloro-3-methylphenol	12.54	107	83930	44.50	ng		98
37) 2-Methylnaphthalene	12.65	142	190110	41.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	72397	42.47	ng		98
40) Hexachlorocyclopentadiene	13.05	237	32222	38.28	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.40	196	53720	43.39	ng		92
43) 2,4,5-Trichlorophenol	13.49	196	54918	42.20	ng		93
45) 1,1'-Biphenyl	13.81	154	218931	41.51	ng		98
46) 2-Chloronaphthalene	13.79	162	177563	41.89	ng		97
47) 2-Nitroaniline	14.13	65	59283	46.93	ng		95
48) Acenaphthylene	14.73	152	308598	42.96	ng		98
49) Dimethylphthalate	14.68	163	204856	41.09	ng		97
50) 2,6-Dinitrotoluene	14.77	165	43170	40.84	ng		98
51) Acenaphthene	15.16	154	165738	40.85	ng		98
52) 3-Nitroaniline	15.12	138	51963	43.01	ng		97
53) 2,4-Dinitrophenol	15.40	184	11902	42.29	ng		89
54) Dibenzofuran	15.58	168	248041	41.78	ng		98
55) 4-Nitrophenol	15.71	139	33030	42.46	ng		86
56) 2,4-Dinitrotoluene	15.69	165	59554	44.12	ng	#	94
57) Fluorene	16.29	166	211661	42.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	40022	42.51	ng	#	97
59) Diethylphthalate	16.28	149	203841	39.68	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	82684	38.86	ng		91
61) 4-Nitroaniline	16.41	138	53204	47.60	ng		87
62) Azobenzene	16.64	77	217099	41.22	ng		94
64) 4,6-Dinitro-2-methylphenol	16.48	198	28655	44.28	ng		93
65) n-Nitrosodiphenylamine	16.61	169	172847	41.71	ng		98
66) 4-Bromophenyl-phenylether	17.20	248	47451	40.09	ng		96
67) Hexachlorobenzene	17.23	284	51520	41.59	ng		98
68) Atrazine	17.56	200	52513	41.84	ng		97
69) Pentachlorophenol	17.58	266	20050	43.00	ng		96
70) Phenanthrene	17.85	178	301198	42.37	ng		99
71) Anthracene	17.93	178	296421	42.93	ng		97
72) Carbazole	18.22	167	297647	43.97	ng		98
73) Di-n-butylphthalate	18.79	149	311138	38.68	ng		99
74) Fluoranthene	19.49	202	316284	43.44	ng		96
76) Benzidine	19.73	184	103303	29.12	ng		98
77) Pyrene	19.77	202	330640	40.51	ng		99
79) Butylbenzylphthalate	20.69	149	143988	38.01	ng		90
80) Benzo(a)anthracene	21.29	228	300169	41.54	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	92270	39.98	ng	#	95
82) Chrysene	21.34	228	280556	42.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	183687	34.99	ng	#	100
84) Di-n-octyl phthalate	22.20	149	320950	36.24	ng		100
85) Indeno(1,2,3-cd)pyrene	24.09	276	317766	49.11	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	300501	39.94	ng	#	97
88) Benzo(k)fluoranthene	22.57	252	262737m	39.95	ng		
89) Benzo(a)pyrene	22.91	252	274671	42.48	ng		97
90) Dibenzo(a,h)anthracene	24.12	278	246151	41.78	ng		96
91) Benzo(g,h,i)perylene	24.39	276	251075	41.76	ng		97

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

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