Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077086.D
Acq On : 27 Jan 2015 13:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
1/28/2015 5:43:06 PM

Quant Time: Jan 27 14:07:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	30266	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	126884	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	68830	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	115460	20.00	ng	0.00
75) Chrysene-d12	21.15	240	109589	20.00	ng	0.00
86) Perylene-d12	22.78	264	100695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	146171	79.41	ng	0.02
7) Phenol-d6	7.19	99	182080	78.41	ng	0.02
23) Nitrobenzene-d5	9.08	82	182894	79.86	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	45222	80.94	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	373799	82.65	ng	0.00
78) Terphenyl-d14	19.88	244	387188	81.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.14	88	23827	30.23	ng	# 95
3) Pyridine	1.59	79	82810	40.60	ng	92
4) n-Nitrosodimethylamine	1.56	42	36327	35.95	ng	95
6) Aniline	7.05	93	127863	39.79	ng	96
8) 2-Chlorophenol	7.30	128	84229	39.69	ng	96
9) Benzaldehyde	6.77	77	46872	34.47	ng	96
10) Phenol	7.21	94	95878	38.88	ng	96
11) bis(2-Chloroethyl)ether	7.30	93	80080	41.50	ng	91
12) 1,3-Dichlorobenzene	7.61	146	93664	38.79	ng	95
13) 1,4-Dichlorobenzene	7.81	146	99153	38.73	ng	98
14) 1,2-Dichlorobenzene	8.12	146	95740	40.58	ng	98
15) Benzyl Alcohol	8.21	79	77815	41.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	102314	39.45	ng	88
17) 2-Methylphenol	8.57	107	68948	39.76	ng	95
18) Hexachloroethane	8.87	117	34165	38.37	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	65141	40.07	ng	99
20) 3+4-Methylphenols	8.95	107	85095	37.06	ng	97
22) Acetophenone	8.76	105	124663	40.11	ng	98
24) Nitrobenzene	9.11	77	93515	40.08	ng	96
25) Isophorone	9.72	82	169201	40.57	ng	98
26) 2-Nitrophenol	9.85	139	44081	37.30	ng	93
27) 2,4-Dimethylphenol	10.15	122	73936	40.98	ng	93
28) bis(2-Chloroethoxy)methane	10.35	93	96595	40.75	ng	98
29) 2,4-Dichlorophenol	10.46	162	69552	41.36	ng	95
30) 1,2,4-Trichlorobenzene	10.59	180	80393	43.04	ng	99
31) Naphthalene	10.72	128	258533	39.58	ng	99
32) Benzoic acid	10.53	122	38995m	39.01	ng	
33) 4-Chloroaniline	10.97	127	100892	38.22	ng	99
34) Hexachlorobutadiene	11.09	225	44624	40.27	ng	96
35) Caprolactam	11.85	113	20283	40.97	ng	91
36) 4-Chloro-3-methylphenol	12.29	107	77643	40.33	ng	97
37) 2-Methylnaphthalene	12.38	142	181222	40.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	68037	39.98	ng	98
40) Hexachlorocyclopentadiene	12.77	237	16394	21.45	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	51076	41.19	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	51958	41.09	ng		98
45) 1,1'-Biphenyl	13.53	154	212421	41.63	ng		98
46) 2-Chloronaphthalene	13.51	162	171543	40.85	ng		98
47) 2-Nitroaniline	13.85	65	53131	41.71	ng		98
48) Acenaphthylene	14.46	152	287331	40.57	ng		99
49) Dimethylphthalate	14.41	163	202861	41.56	ng		99
50) 2,6-Dinitrotoluene	14.51	165	40057	41.07	ng	#	88
51) Acenaphthene	14.88	154	159020	39.57	ng		97
52) 3-Nitroaniline	14.86	138	47549	37.74	ng		89
53) 2,4-Dinitrophenol	15.15	184	5316	21.66	ng	#	75
54) Dibenzofuran	15.31	168	235661	40.26	ng		99
55) 4-Nitrophenol	15.49	139	25969m	33.94	ng		
56) 2,4-Dinitrotoluene	15.44	165	54638	37.84	ng	#	91
57) Fluorene	16.06	166	198741	40.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	35279	38.31	ng	#	95
59) Diethylphthalate	16.06	149	209703	42.51	ng		98
60) 4-Chlorophenyl-phenylether	16.15	204	83248	41.03	ng		87
61) 4-Nitroaniline	16.21	138	48101	39.39	ng		96
62) Azobenzene	16.44	77	211229	41.09	ng		99
64) 4,6-Dinitro-2-methylphenol	16.28	198	15001	22.13	ng	#	65
65) n-Nitrosodiphenylamine	16.40	169	163908	39.81	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	48140	41.15	ng		90
67) Hexachlorobenzene	17.02	284	49441	40.11	ng		93
68) Atrazine	17.39	200	54969	44.00	ng		92
69) Pentachlorophenol	17.40	266	52287	91.39	ng		99
70) Phenanthrene	17.67	178	280398	38.94	ng		99
71) Anthracene	17.75	178	283981	40.45	ng		100
72) Carbazole	18.04	167	271258	39.83	ng		99
73) Di-n-butylphthalate	18.63	149	347429	44.07	ng		99
74) Fluoranthene	19.32	202	300889	40.78	ng		98
76) Benzidine	19.57	184	192581	54.92	ng		99
77) Pyrene	19.60	202	307053	40.88	ng		99
79) Butylbenzylphthalate	20.54	149	149765	44.03	ng		87
80) Benzo(a)anthracene	21.13	228	282205	41.04	ng		100
81) 3,3'-Dichlorobenzidine	21.15	252	97048	44.41	ng		99
82) Chrysene	21.18	228	249101	39.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	217959	46.31	ng	#	98
84) Di-n-octyl phthalate	22.05	149	385877	47.24	ng		99
85) Indeno(1,2,3-cd)pyrene	23.85	276	266271	40.07	ng	#	84
87) Benzo(b)fluoranthene	22.38	252	274764	40.51	ng	#	95
88) Benzo(k)fluoranthene	22.40	252	230294m	38.87	ng		
89) Benzo(a)pyrene	22.72	252	238730	39.91	ng		96
90) Dibenzo(a,h)anthracene	23.88	278	211955	38.61	ng		97
91) Benzo(g,h,i)perylene	24.13	276	216254	39.63	ng	#	94

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

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