Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077322.D
Acq On : 17 Feb 2015 18:06
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDICC050

Manual Integrations APPROVED
apatel
2/18/2015 4:21:42 PM

Quant Time: Feb 18 09:52:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 00:50:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	54123	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	227619	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	119486	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	213147	20.00	ng		0.00
75) Chrysene-d12	16.28	240	213435	20.00	ng		0.01
86) Perylene-d12	18.08	264	207473	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	319475	103.72	ng		0.00
7) Phenol-d6	6.92	99	414049	102.42	ng		0.00
23) Nitrobenzene-d5	8.06	82	325876	101.41	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	109082	112.21	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	789686	101.79	ng		0.00
78) Terphenyl-d14	14.98	244	909341	97.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	70076	50.40	ng		99
3) Pyridine	3.10	79	205386	55.27	ng		96
4) n-Nitrosodimethylamine	3.04	42	81187	46.56	ng		94
6) Aniline	6.97	93	290797	49.52	ng		99
8) 2-Chlorophenol	7.10	128	186257	51.50	ng		99
9) Benzaldehyde	6.83	77	122784	47.21	ng		98
10) Phenol	6.93	94	234411m	57.59	ng		
11) bis(2-Chloroethyl)ether	7.06	93	171881	46.70	ng		97
12) 1,3-Dichlorobenzene	7.30	146	205853	49.20	ng		98
13) 1,4-Dichlorobenzene	7.40	146	215158	49.88	ng		99
14) 1,2-Dichlorobenzene	7.58	146	208041	51.67	ng		98
15) Benzyl Alcohol	7.55	79	155596	48.17	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.73	45	258251	46.44	ng		99
17) 2-Methylphenol	7.69	107	145609	47.49	ng		99
18) Hexachloroethane	8.01	117	71012	50.35	ng		98
19) n-Nitroso-di-n-propylamine	7.89	70	142624	48.83	ng		98
20) 3+4-Methylphenols	7.88	107	190468	50.98	ng		99
22) Acetophenone	7.88	105	263735	48.72	ng		98
24) Nitrobenzene	8.09	77	177761	49.10	ng		100
25) Isophorone	8.40	82	358201	46.78	ng	#	86
26) 2-Nitrophenol	8.49	139	52087	53.53	ng		99
27) 2,4-Dimethylphenol	8.54	122	165057	49.09	ng		94
28) bis(2-Chloroethoxy)methane	8.67	93	238012	50.88	ng		99
29) 2,4-Dichlorophenol	8.77	162	149048	51.51	ng		99
30) 1,2,4-Trichlorobenzene	8.89	180	180852	48.72	ng		100
31) Naphthalene	8.98	128	544203	46.48	ng		99
32) Benzoic acid	8.64	122	44303	58.04	ng		97
33) 4-Chloroaniline	9.05	127	234191	48.27	ng		98
34) Hexachlorobutadiene	9.14	225	100208	47.23	ng		99
35) Caprolactam	9.48	113	47293	54.00	ng		91
36) 4-Chloro-3-methylphenol	9.65	107	151468	47.53	ng	#	71
37) 2-Methylnaphthalene	9.85	142	396273	48.37	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.05	216	170248	51.37	ng		99
40) Hexachlorocyclopentadiene	10.04	237	89984	54.03	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	100174	51.95	ng		96
43) 2,4,5-Trichlorophenol	10.23	196	106543	50.27	ng		99
45) 1,1'-Biphenyl	10.43	154	462010	48.74	ng		95
46) 2-Chloronaphthalene	10.44	162	343606	47.65	ng		99
47) 2-Nitroaniline	10.57	65	74027	57.48	ng		97
48) Acenaphthylene	10.96	152	574048	46.49	ng		99
49) Dimethylphthalate	10.81	163	391745	46.80	ng		100
50) 2,6-Dinitrotoluene	10.88	165	72359	52.11	ng		97
51) Acenaphthene	11.17	154	335209	46.62	ng		99
52) 3-Nitroaniline	11.08	138	91791	59.50	ng		100
53) 2,4-Dinitrophenol	11.21	184	10236	53.30	ng		94
54) Dibenzofuran	11.39	168	508107	50.10	ng		100
55) 4-Nitrophenol	11.28	139	64655	60.38	ng		99
56) 2,4-Dinitrotoluene	11.38	165	91363	56.96	ng		97
57) Fluorene	11.81	166	400510	48.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	81498	54.60	ng		100
59) Diethylphthalate	11.69	149	403945	46.61	ng		99
60) 4-Chlorophenyl-phenylether	11.83	204	194508	49.24	ng		99
61) 4-Nitroaniline	11.84	138	84544	56.27	ng		98
62) Azobenzene	12.02	77	419674	48.98	ng		98
64) 4,6-Dinitro-2-methylphenol	11.87	198	17406	49.39	ng		99
65) n-Nitrosodiphenylamine	11.97	169	349129	49.89	ng		100
66) 4-Bromophenyl-phenylether	12.43	248	116652	49.15	ng		95
67) Hexachlorobenzene	12.49	284	130549	47.50	ng		95
68) Atrazine	12.64	200	101305	53.13	ng		99
69) Pentachlorophenol	12.74	266	48838	53.39	ng		98
70) Phenanthrene	13.01	178	612915	48.68	ng		100
71) Anthracene	13.07	178	614777	49.59	ng		100
72) Carbazole	13.28	167	537989	49.03	ng		99
73) Di-n-butylphthalate	13.73	149	691647	49.15	ng	#	97
74) Fluoranthene	14.49	202	621792	48.45	ng		99
76) Benzidine	14.67	184	348441	51.83	ng		98
77) Pyrene	14.77	202	668174	50.29	ng		100
79) Butylbenzylphthalate	15.60	149	257406	50.63	ng		92
80) Benzo(a)anthracene	16.27	228	625582	48.99	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	217212	53.70	ng		98
82) Chrysene	16.32	228	588093	50.79	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	433137	49.77	ng		99
84) Di-n-octyl phthalate	17.14	149	694948	49.21	ng		98
85) Indeno(1,2,3-cd)pyrene	19.61	276	729419m	51.73	ng		
87) Benzo(b)fluoranthene	17.61	252	684795m	51.62	ng		
88) Benzo(k)fluoranthene	17.64	252	505666	42.81	ng	#	97
89) Benzo(a)pyrene	18.01	252	587716	50.25	ng	#	97
90) Dibenzo(a,h)anthracene	19.64	278	594981	48.35	ng		99
91) Benzo(g,h,i)perylene	20.07	276	606801	49.86	ng		97

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

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