Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080559.D
Acq On : 22 Jul 2015 16:15
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
apatel
7/23/2015 11:50:19 AM

Quant Time: Jul 23 10:42:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 04:11:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	34323	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	136185	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	54758	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	97075	20.00	ng		0.00
75) Chrysene-d12	14.26	240	72176	20.00	ng		-0.06
86) Perylene-d12	15.91	264	53078	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	8996	4.15	ng		0.00
7) Phenol-d6	6.56	99	11020	4.42	ng		-0.01
23) Nitrobenzene-d5	7.52	82	8175	3.79	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	1114	2.37	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	19740	5.08	ng		0.00
78) Terphenyl-d14	13.10	244	16226	4.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	3239	3.47	ng	#	100
4) n-Nitrosodimethylamine	3.25	42	2881	2.30	ng	#	61
6) Aniline	6.61	93	8957	2.68	ng	#	92
9) Benzaldehyde	6.50	77	4962	3.35	ng		93
10) Phenol	6.58	94	6089	2.08	ng		96
11) bis(2-Chloroethyl)ether	6.68	93	4835	2.19	ng		93
12) 1,3-Dichlorobenzene	6.90	146	6234m	2.41	ng		
13) 1,4-Dichlorobenzene	6.98	146	5881	2.09	ng		92
14) 1,2-Dichlorobenzene	7.13	146	5778	2.21	ng		96
15) Benzyl Alcohol	7.09	79	3884	2.30	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.24	45	10755	2.80	ng		93
17) 2-Methylphenol	7.20	107	4589	2.59	ng		94
18) Hexachloroethane	7.48	117	2099	2.28	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	3454	2.30	ng	#	75
22) Acetophenone	7.36	105	7754	2.58	ng	#	67
25) Isophorone	7.78	82	10029	2.38	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	5089	2.20	ng	#	88
30) 1,2,4-Trichlorobenzene	8.19	180	5037	2.29	ng	#	97
31) Naphthalene	8.27	128	16626	2.46	ng		99
33) 4-Chloroaniline	8.32	127	5676	2.12	ng	#	94
34) Hexachlorobutadiene	8.40	225	2978	2.83	ng		95
37) 2-Methylnaphthalene	8.96	142	8965	2.18	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	5128	2.92	ng	#	91
40) Hexachlorocyclopentadiene	9.12	237	1868	2.29	ng		94
45) 1,1'-Biphenyl	9.42	154	12318	2.69	ng		98
46) 2-Chloronaphthalene	9.45	162	9827	2.91	ng		92
48) Acenaphthylene	9.86	152	12397	2.24	ng		95
49) Dimethylphthalate	9.72	163	8203	2.22	ng	#	96
51) Acenaphthene	10.04	154	7178	2.12	ng		96
54) Dibenzofuran	10.21	168	10693	2.25	ng		98
57) Fluorene	10.56	166	8686	2.31	ng		97
59) Diethylphthalate	10.42	149	8053	2.32	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	4192	2.51	ng		96
62) Azobenzene	10.70	77	8619	2.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) n-Nitrosodiphenylamine	10.66	169	7383	2.31	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	2135	2.36	ng		88
67) Hexachlorobenzene	11.10	284	2546	2.37	ng	#	91
68) Atrazine	11.18	200	1727	2.18	ng	#	80
70) Phenanthrene	11.52	178	13961	2.62	ng		96
71) Anthracene	11.57	178	11179	2.15	ng		97
72) Carbazole	11.72	167	9843	2.11	ng		98
74) Fluoranthene	12.72	202	11348	2.28	ng		98
76) Benzidine	12.84	184	4339	2.15	ng		96
77) Pyrene	12.96	202	11366	2.38	ng		99
80) Benzo(a)anthracene	14.25	228	9076	2.23	ng		100
82) Chrysene	14.25	228	9076	2.21	ng		98
87) Benzo(b)fluoranthene	15.46	252	7918	2.38	ng	#	92
88) Benzo(k)fluoranthene	15.48	252	7777m	2.70	ng		
89) Benzo(a)pyrene	15.84	252	5747	2.03	ng	#	81
91) Benzo(g,h,i)perylene	17.87	276	5505	2.00	ng	#	90

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

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