Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101316\
Data File : BF090548.D
Acq On : 13 Oct 2016 18:23
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
10/14/2016 6:38:57 PM

Quant Time: Oct 14 11:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 01:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	184140	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	792058	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	449675	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	741790	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	612428	20.00	ng		0.00
86) Perylene-d12	15.55	264	455108	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0d	0.00	ng		
7) Phenol-d6	6.55	99	59900	3.99	ng		0.00
23) Nitrobenzene-d5	7.49	82	67834	4.59	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	17833	4.10	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	146478	5.51	ng		0.00
78) Terphenyl-d14	13.04	244	141956	5.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	15119	2.60	ng		90
8) 2-Chlorophenol	6.70	128	29959	2.36	ng		91
9) Benzaldehyde	6.57	77	26341m	2.76	ng		
10) Phenol	6.59	94	32628	1.94	ng		86
11) bis(2-Chloroethyl)ether	6.66	93	29572	2.29	ng	#	68
12) 1,3-Dichlorobenzene	6.86	146	32396	2.41	ng		98
13) 1,4-Dichlorobenzene	6.94	146	36488	2.60	ng		97
14) 1,2-Dichlorobenzene	7.09	146	33662	2.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	41495	2.21	ng		80
17) 2-Methylphenol	7.18	107	19420	1.87	ng	#	81
18) Hexachloroethane	7.43	117	13920	2.66	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	22951	2.33	ng		97
22) Acetophenone	7.34	105	41081	2.35	ng		93
24) Nitrobenzene	7.50	77	31655	2.05	ng		96
25) Isophorone	7.73	82	64397	2.42	ng		99
26) 2-Nitrophenol	7.83	139	13825	1.96	ng		94
27) 2,4-Dimethylphenol	7.87	122	27769	2.32	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	35238	2.12	ng		93
29) 2,4-Dichlorophenol	8.07	162	22584	2.26	ng		95
30) 1,2,4-Trichlorobenzene	8.15	180	30045	2.59	ng		98
31) Naphthalene	8.22	128	108892	2.74	ng		99
33) 4-Chloroaniline	8.30	127	34993	2.10	ng	#	92
34) Hexachlorobutadiene	8.35	225	16897	2.61	ng		99
35) Caprolactam	8.60	113	5091	1.57	ng		89
36) 4-Chloro-3-methylphenol	8.77	107	24975	2.13	ng	#	79
37) 2-Methylnaphthalene	8.92	142	60711	2.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	29234	2.36	ng	#	95
42) 2,4,6-Trichlorophenol	9.21	196	12514	1.50	ng		94
43) 2,4,5-Trichlorophenol	9.25	196	18549	2.25	ng	#	87
45) 1,1'-Biphenyl	9.39	154	88710	2.61	ng		97
46) 2-Chloronaphthalene	9.41	162	64719	2.55	ng		97
48) Acenaphthylene	9.82	152	106138	2.58	ng		97
49) Dimethylphthalate	9.67	163	76641	2.56	ng		100
50) 2,6-Dinitrotoluene	9.74	165	14245	2.13	ng	#	81

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.99	154	68757	2.50	ng		97
52) 3-Nitroaniline	9.94	138	18295	2.21	ng		99
54) Dibenzofuran	10.18	168	96936	2.64	ng		98
56) 2,4-Dinitrotoluene	10.15	165	19199	2.16	ng	#	96
57) Fluorene	10.51	166	75293	2.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	16973	2.44	ng	#	96
59) Diethylphthalate	10.38	149	71066	2.32	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	34677	2.53	ng		96
61) 4-Nitroaniline	10.55	138	16641	2.01	ng		90
62) Azobenzene	10.67	77	76018	2.27	ng		96
65) n-Nitrosodiphenylamine	10.62	169	62488	2.58	ng		98
66) 4-Bromophenyl-phenylether	11.00	248	17959	2.21	ng	#	90
67) Hexachlorobenzene	11.06	284	20307	2.27	ng	#	84
68) Atrazine	11.15	200	15886	2.14	ng		95
70) Phenanthrene	11.48	178	102210	2.53	ng		96
71) Anthracene	11.53	178	112795	2.70	ng		98
72) Carbazole	11.69	167	98442	2.54	ng		99
73) Di-n-butylphthalate	12.01	149	111367	2.39	ng	#	99
74) Fluoranthene	12.67	202	102863	2.49	ng		99
76) Benzidine	12.81	184	28828	1.51	ng		97
77) Pyrene	12.90	202	110067	2.84	ng		98
79) Butylbenzylphthalate	13.52	149	39300	2.17	ng		98
80) Benzo(a)anthracene	14.09	228	91699	2.49	ng		94
81) 3,3'-Dichlorobenzidine	14.05	252	28498	2.21	ng		97
82) Chrysene	14.12	228	92327m	2.73	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	56441	2.16	ng		97
84) Di-n-octyl phthalate	14.68	149	74429	1.89	ng	#	77
85) Indeno(1,2,3-cd)pyrene	17.00	276	49238	1.82	ng		97
87) Benzo(b)fluoranthene	15.13	252	62165m	2.06	ng		
88) Benzo(k)fluoranthene	15.16	252	81659m	2.98	ng		
89) Benzo(a)pyrene	15.49	252	66083	2.50	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	42583	1.93	ng		98
91) Benzo(g,h,i)perylene	17.44	276	40598	1.97	ng		97

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

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