Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083880.D
Acq On : 17 Dec 2015 17:39
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:21:35 PM

Quant Time: Dec 18 08:16:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:15:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	66159	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	258716	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	151837	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	307161	20.00	ng		0.00
75) Chrysene-d12	14.03	240	231887	20.00	ng		0.00
86) Perylene-d12	15.46	264	168039	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	26556	6.51	ng		0.00
7) Phenol-d6	6.50	99	32668	6.33	ng		-0.01
23) Nitrobenzene-d5	7.44	82	27028	5.98	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	10281	6.62	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	87813	8.26	ng		-0.01
78) Terphenyl-d14	12.97	244	97399	9.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	6308	3.26	ng	#	87
3) Pyridine	3.28	79	11661	2.40	ng		92
4) n-Nitrosodimethylamine	3.16	42	4548	2.46	ng	#	90
6) Aniline	6.53	93	22043	3.19	ng	#	80
8) 2-Chlorophenol	6.66	128	16468	3.50	ng		93
9) Benzaldehyde	6.42	77	10077	3.60	ng		93
10) Phenol	6.52	94	18191	3.11	ng		85
11) bis(2-Chloroethyl)ether	6.60	93	15247	3.47	ng		97
12) 1,3-Dichlorobenzene	6.82	146	17969	3.57	ng		97
13) 1,4-Dichlorobenzene	6.89	146	19393	3.81	ng		97
14) 1,2-Dichlorobenzene	7.05	146	17844	3.89	ng		96
15) Benzyl Alcohol	7.01	79	13149	3.56	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.15	45	14994	2.79	ng		99
17) 2-Methylphenol	7.13	107	13773	3.62	ng		96
18) Hexachloroethane	7.39	117	6676	3.66	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	9933	3.17	ng	#	78
20) 3+4-Methylphenols	7.29	107	15707	3.50	ng	#	77
22) Acetophenone	7.29	105	21053	3.39	ng		97
24) Nitrobenzene	7.45	77	13790	2.89	ng		91
25) Isophorone	7.70	82	28904	3.28	ng	#	91
26) 2-Nitrophenol	7.78	139	7030	3.02	ng		93
28) bis(2-Chloroethoxy)methane	7.90	93	17096	3.39	ng		94
29) 2,4-Dichlorophenol	8.02	162	11414	3.08	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	13379	3.51	ng		94
31) Naphthalene	8.18	128	52345	3.94	ng		99
33) 4-Chloroaniline	8.22	127	19314	3.62	ng		98
34) Hexachlorobutadiene	8.30	225	8775	4.10	ng		98
35) Caprolactam	8.56	113	3877	3.31	ng	#	85
36) 4-Chloro-3-methylphenol	8.70	107	17282	4.04	ng		88
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	16493	3.72	ng		100
42) 2,4,6-Trichlorophenol	9.15	196	10117	3.15	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	8825	2.91	ng		95
45) 1,1'-Biphenyl	9.33	154	51841	3.92	ng		96
46) 2-Chloronaphthalene	9.36	162	39536	4.02	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.45	65	8869	3.27	ng		90
48) Acenaphthylene	9.77	152	62229	3.75	ng		100
49) Dimethylphthalate	9.63	163	41786	3.53	ng		100
50) 2,6-Dinitrotoluene	9.69	165	9029	3.57	ng	#	80
51) Acenaphthene	9.94	154	37686	3.75	ng		99
52) 3-Nitroaniline	9.86	138	8914	3.19	ng	#	76
54) Dibenzofuran	10.11	168	48270	3.63	ng		93
56) 2,4-Dinitrotoluene	10.10	165	10278	3.15	ng	#	72
57) Fluorene	10.45	166	44605	4.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	6439	2.80	ng	#	87
59) Diethylphthalate	10.33	149	46598	3.91	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	18195	3.80	ng	#	86
61) 4-Nitroaniline	10.46	138	8944	3.51	ng	#	81
62) Azobenzene	10.60	77	34668	3.22	ng		88
65) n-Nitrosodiphenylamine	10.57	169	34465	3.36	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	11257	3.29	ng	#	66
67) Hexachlorobenzene	11.00	284	12100	3.24	ng	#	67
68) Atrazine	11.08	200	10300	3.53	ng		97
70) Phenanthrene	11.41	178	63063	3.85	ng		99
71) Anthracene	11.47	178	61305	3.65	ng		97
72) Carbazole	11.62	167	60300	3.88	ng		97
73) Di-n-butylphthalate	11.95	149	62103	3.20	ng	#	97
74) Fluoranthene	12.60	202	65983	3.97	ng		98
76) Benzidine	12.73	184	23247	3.30	ng		99
77) Pyrene	12.83	202	67334	3.85	ng		99
79) Butylbenzylphthalate	13.45	149	26423	3.52	ng		89
80) Benzo(a)anthracene	14.02	228	47761m	3.69	ng		
81) 3,3'-Dichlorobenzidine	13.97	252	16475	3.51	ng	#	93
82) Chrysene	14.05	228	44238m	3.51	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	31757	3.60	ng		97
84) Di-n-octyl phthalate	14.61	149	41523	2.92	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	27028	2.21	ng		98
87) Benzo(b)fluoranthene	15.05	252	38936	3.63	ng	#	94
88) Benzo(k)fluoranthene	15.08	252	30378m	3.24	ng		
89) Benzo(a)pyrene	15.41	252	31072	3.28	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	22968	2.53	ng		98
91) Benzo(g,h,i)perylene	17.33	276	21348	2.31	ng		98

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

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