Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083727.D
Acq On : 13 Dec 2015 14:19
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:30 PM

Quant Time: Dec 14 01:14:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:56:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155443	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	627392	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	285164	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	552655	20.00	ng		0.00
75) Chrysene-d12	14.07	240	425407	20.00	ng		0.00
86) Perylene-d12	15.49	264	306772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	211736	21.21	ng		0.00
7) Phenol-d6	6.53	99	270807	21.61	ng		-0.01
23) Nitrobenzene-d5	7.47	82	225379	23.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	64035	23.58	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	483477	24.76	ng		0.00
78) Terphenyl-d14	13.01	244	425114	22.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	47010	9.53	ng		99
3) Pyridine	3.30	79	120532	9.45	ng		98
4) n-Nitrosodimethylamine	3.22	42	44874	8.75	ng	#	99
6) Aniline	6.57	93	173800	10.16	ng		98
8) 2-Chlorophenol	6.69	128	118926	10.59	ng		88
9) Benzaldehyde	6.45	77	77159	11.20	ng		85
10) Phenol	6.54	94	160425	10.90	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	110506	10.62	ng		88
12) 1,3-Dichlorobenzene	6.85	146	126039m	10.24	ng		
13) 1,4-Dichlorobenzene	6.93	146	131725	10.78	ng		97
14) 1,2-Dichlorobenzene	7.09	146	116350	10.16	ng		95
15) Benzyl Alcohol	7.05	79	92122	10.22	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	138448	9.53	ng		99
17) 2-Methylphenol	7.16	107	98384	10.91	ng		97
18) Hexachloroethane	7.44	117	46061	11.00	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	79759	11.08	ng		99
20) 3+4-Methylphenols	7.31	107	120613	11.09	ng	#	88
22) Acetophenone	7.32	105	175752	11.50	ng	#	94
24) Nitrobenzene	7.49	77	125021	11.96	ng	#	88
25) Isophorone	7.73	82	232309	11.01	ng		96
26) 2-Nitrophenol	7.81	139	54415	12.25	ng		90
27) 2,4-Dimethylphenol	7.85	122	115499	11.01	ng		93
28) bis(2-Chloroethoxy)methane	7.95	93	135608	11.47	ng		99
29) 2,4-Dichlorophenol	8.05	162	93710	10.94	ng		92
30) 1,2,4-Trichlorobenzene	8.14	180	101189	10.73	ng		98
31) Naphthalene	8.22	128	367742	11.82	ng		98
32) Benzoic acid	7.92	122	51116	8.64	ng		99
33) 4-Chloroaniline	8.26	127	133368	10.05	ng	#	92
34) Hexachlorobutadiene	8.35	225	53808	10.21	ng		99
35) Caprolactam	8.60	113	28936	10.34	ng	#	79
36) 4-Chloro-3-methylphenol	8.74	107	111337	11.44	ng		93
37) 2-Methylnaphthalene	8.91	142	216158	10.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	98556	11.31	ng		98
40) Hexachlorocyclopentadiene	9.07	237	38921	9.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	64310	10.63	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	59831	9.98	ng	#	85
45) 1,1'-Biphenyl	9.38	154	293109	11.88	ng		96
46) 2-Chloronaphthalene	9.40	162	211491	11.40	ng		93
47) 2-Nitroaniline	9.48	65	50456	10.23	ng	#	79
48) Acenaphthylene	9.81	152	358645	11.56	ng		98
49) Dimethylphthalate	9.68	163	239443	11.02	ng	#	97
50) 2,6-Dinitrotoluene	9.72	165	47046	10.98	ng	#	78
51) Acenaphthene	9.98	154	209665	11.29	ng		95
52) 3-Nitroaniline	9.89	138	60231	11.91	ng		92
53) 2,4-Dinitrophenol	10.00	184	11313	9.71	ng	#	1
54) Dibenzofuran	10.16	168	291386	11.91	ng		93
55) 4-Nitrophenol	10.04	139	45849	10.90	ng		99
56) 2,4-Dinitrotoluene	10.12	165	60805	11.08	ng	#	83
57) Fluorene	10.50	166	239960	12.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	46072	10.63	ng		95
59) Diethylphthalate	10.37	149	260648	12.48	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	102555	11.01	ng		91
61) 4-Nitroaniline	10.50	138	55396	12.22	ng		90
62) Azobenzene	10.65	77	217042	10.82	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	25012	12.23	ng		89
65) n-Nitrosodiphenylamine	10.60	169	195116	10.41	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	62077	10.40	ng		90
67) Hexachlorobenzene	11.05	284	68697	10.59	ng	#	68
68) Atrazine	11.13	200	58303	10.75	ng		95
69) Pentachlorophenol	11.24	266	29905	8.17	ng		98
70) Phenanthrene	11.46	178	329491	11.05	ng		98
71) Anthracene	11.50	178	325826	10.32	ng		100
72) Carbazole	11.65	167	299886	10.24	ng		98
73) Di-n-butylphthalate	12.00	149	379673	12.04	ng		99
74) Fluoranthene	12.64	202	318673	9.92	ng		92
76) Benzidine	12.76	184	121189	7.52	ng		99
77) Pyrene	12.86	202	332423	9.81	ng		99
79) Butylbenzylphthalate	13.49	149	131494	11.50	ng		96
80) Benzo(a)anthracene	14.05	228	252944	10.15	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	81324	9.99	ng	#	95
82) Chrysene	14.09	228	255772	10.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	172731	13.96	ng		99
84) Di-n-octyl phthalate	14.66	149	253747	13.30	ng		97
85) Indeno(1,2,3-cd)pyrene	16.91	276	194996	8.63	ng		99
87) Benzo(b)fluoranthene	15.08	252	202606	10.47	ng		98
88) Benzo(k)fluoranthene	15.11	252	192276m	10.38	ng		
89) Benzo(a)pyrene	15.44	252	180480	10.35	ng		96
90) Dibenzo(a,h)anthracene	16.93	278	162942	9.51	ng		97
91) Benzo(g,h,i)perylene	17.35	276	165286	9.15	ng		98

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

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