Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082168.D
Acq On : 10 Oct 2015 11:01
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:30:37 PM

Quant Time: Oct 12 01:10:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 00:52:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92433	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	395461	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	189145	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	371760	20.00	ng		0.00
75) Chrysene-d12	14.01	240	367293	20.00	ng		0.00
86) Perylene-d12	15.44	264	308256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	95845	18.93	ng		0.00
7) Phenol-d6	6.47	99	129207	20.17	ng		-0.01
23) Nitrobenzene-d5	7.41	82	123196	20.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	38163	20.14	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	282174	23.58	ng		-0.01
78) Terphenyl-d14	12.95	244	294019	22.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	23009	10.40	ng		96
3) Pyridine	3.17	79	49606	8.78	ng		98
4) n-Nitrosodimethylamine	3.10	42	19022	7.36	ng	#	99
6) Aniline	6.50	93	78073	9.13	ng		94
8) 2-Chlorophenol	6.62	128	61525	10.91	ng		91
9) Benzaldehyde	6.39	77	32682	7.99	ng		92
10) Phenol	6.48	94	70664	9.80	ng		85
11) bis(2-Chloroethyl)ether	6.57	93	63763	11.21	ng		99
12) 1,3-Dichlorobenzene	6.78	146	69725	10.48	ng		96
13) 1,4-Dichlorobenzene	6.86	146	73731	10.60	ng		97
14) 1,2-Dichlorobenzene	7.01	146	74698	12.05	ng		94
15) Benzyl Alcohol	6.98	79	43282	9.42	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	90363	11.47	ng		100
17) 2-Methylphenol	7.10	107	45951	10.10	ng		95
18) Hexachloroethane	7.35	117	25269	11.49	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	44454	11.36	ng	#	85
20) 3+4-Methylphenols	7.25	107	59366	10.40	ng	#	85
22) Acetophenone	7.25	105	81639	10.16	ng	#	97
24) Nitrobenzene	7.42	77	62398	9.85	ng		97
25) Isophorone	7.66	82	118318	10.07	ng		96
26) 2-Nitrophenol	7.75	139	30146	9.61	ng	#	90
27) 2,4-Dimethylphenol	7.78	122	51559	9.63	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	70697	9.96	ng		97
29) 2,4-Dichlorophenol	7.99	162	51304	9.66	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	61506	10.43	ng		98
31) Naphthalene	8.15	128	185144	10.55	ng		98
32) Benzoic acid	7.86	122	28650	9.63	ng		93
33) 4-Chloroaniline	8.21	127	71500	9.47	ng		96
34) Hexachlorobutadiene	8.26	225	39572	11.28	ng		95
35) Caprolactam	8.55	113	14509	9.81	ng		95
36) 4-Chloro-3-methylphenol	8.67	107	49199	9.59	ng		93
37) 2-Methylnaphthalene	8.83	142	120701	10.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	61791	10.73	ng		98
40) Hexachlorocyclopentadiene	8.98	237	13835	4.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	40555	10.38	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	43139	10.58	ng	#	88
45) 1,1'-Biphenyl	9.30	154	167928	11.59	ng		95
46) 2-Chloronaphthalene	9.33	162	126810	11.13	ng		95
47) 2-Nitroaniline	9.43	65	33105	9.92	ng	#	85
48) Acenaphthylene	9.74	152	196822	10.74	ng		99
49) Dimethylphthalate	9.60	163	144043	11.17	ng		99
50) 2,6-Dinitrotoluene	9.67	165	31246	10.93	ng		92
51) Acenaphthene	9.91	154	111301	10.21	ng		99
52) 3-Nitroaniline	9.84	138	34367	10.56	ng		91
53) 2,4-Dinitrophenol	9.95	184	9359	8.97	ng		95
54) Dibenzofuran	10.09	168	163973	10.63	ng		92
55) 4-Nitrophenol	10.01	139	14346	6.26	ng		97
56) 2,4-Dinitrotoluene	10.07	165	40362	11.20	ng		96
57) Fluorene	10.42	166	135759	11.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	36166	11.21	ng		94
59) Diethylphthalate	10.30	149	141909	11.67	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	66908	11.91	ng		89
61) 4-Nitroaniline	10.46	138	32525	9.87	ng		98
62) Azobenzene	10.58	77	134816	11.36	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	18082	10.55	ng		98
65) n-Nitrosodiphenylamine	10.54	169	121699	10.83	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	41819	11.15	ng	#	86
67) Hexachlorobenzene	10.97	284	42980	10.26	ng	#	75
68) Atrazine	11.06	200	36837	10.63	ng		97
69) Pentachlorophenol	11.17	266	19752	8.30	ng		97
70) Phenanthrene	11.39	178	201022	10.33	ng		97
71) Anthracene	11.44	178	223532	11.73	ng		99
72) Carbazole	11.60	167	188353	11.05	ng		99
73) Di-n-butylphthalate	11.93	149	240536	12.34	ng	#	97
74) Fluoranthene	12.57	202	212834	10.56	ng		95
76) Benzidine	12.71	184	122759	11.29	ng		97
77) Pyrene	12.80	202	220492	10.19	ng		96
79) Butylbenzylphthalate	13.43	149	103217	12.38	ng		89
80) Benzo(a)anthracene	14.00	228	193946	9.89	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	75376	11.31	ng	#	97
82) Chrysene	14.04	228	218904	11.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	144057	13.27	ng	#	99
84) Di-n-octyl phthalate	14.60	149	249759	14.09	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	177186	11.60	ng		99
87) Benzo(b)fluoranthene	15.03	252	185239	10.28	ng	#	96
88) Benzo(k)fluoranthene	15.05	252	175618m	11.01	ng		
89) Benzo(a)pyrene	15.38	252	170121	11.09	ng	#	95
90) Dibenzo(a,h)anthracene	16.86	278	144468	11.27	ng		100
91) Benzo(g,h,i)perylene	17.27	276	141062	10.84	ng		98

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

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