Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082757.D
Acq On : 6 Nov 2015 12:58
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:09 PM

Quant Time: Nov 06 13:32:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 13:18:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167395	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	651017	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	328873	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	626890	20.00	ng		0.00
75) Chrysene-d12	14.02	240	571443	20.00	ng		0.00
86) Perylene-d12	15.46	264	483654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	998597	43.67	ng		0.00
7) Phenol-d6	6.49	99	1282545	42.80	ng		0.01
23) Nitrobenzene-d5	7.42	82	1479277	47.86	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	341648	45.28	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2012689	42.24	ng		0.00
78) Terphenyl-d14	12.97	244	2350391	45.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	219454	46.11	ng		97
3) Pyridine	3.15	79	642234	46.83	ng		99
4) n-Nitrosodimethylamine	3.10	42	324978	48.73	ng		88
6) Aniline	6.51	93	935877	44.93	ng		90
8) 2-Chlorophenol	6.64	128	532273	42.54	ng	#	82
9) Benzaldehyde	6.40	77	384234	40.77	ng		88
10) Phenol	6.50	94	687970	40.16	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	544116	42.56	ng		92
12) 1,3-Dichlorobenzene	6.80	146	662243m	47.70	ng		
13) 1,4-Dichlorobenzene	6.88	146	639408m	44.37	ng		
14) 1,2-Dichlorobenzene	7.02	146	561657	41.43	ng		95
15) Benzyl Alcohol	7.00	79	641351	50.55	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	826590	44.15	ng		96
17) 2-Methylphenol	7.12	107	508017	49.64	ng		96
18) Hexachloroethane	7.37	117	230402	43.56	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	470926	43.48	ng		90
20) 3+4-Methylphenols	7.26	107	594050	42.95	ng	#	84
22) Acetophenone	7.26	105	832931	42.24	ng	#	86
24) Nitrobenzene	7.44	77	631288	38.66	ng	#	88
25) Isophorone	7.69	82	1310104	45.64	ng		96
26) 2-Nitrophenol	7.76	139	329844	50.08	ng	#	75
27) 2,4-Dimethylphenol	7.80	122	565741	47.33	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	710413	42.63	ng		98
29) 2,4-Dichlorophenol	8.00	162	469584	43.88	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	570317	47.78	ng		94
31) Naphthalene	8.17	128	1692207	44.95	ng		99
32) Benzoic acid	7.94	122	392453	51.78	ng		97
33) 4-Chloroaniline	8.21	127	770545	47.11	ng	#	87
34) Hexachlorobutadiene	8.29	225	345415	46.29	ng		97
35) Caprolactam	8.59	113	147128	43.58	ng		87
36) 4-Chloro-3-methylphenol	8.69	107	517793	39.60	ng		93
37) 2-Methylnaphthalene	8.85	142	1032587	41.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	563346	51.27	ng		99
40) Hexachlorocyclopentadiene	9.01	237	302386	55.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	397086	49.96	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	404547	51.25	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1452102	49.40	ng		98
46) 2-Chloronaphthalene	9.34	162	1110594	49.07	ng		97
47) 2-Nitroaniline	9.44	65	441229	54.16	ng	#	79
48) Acenaphthylene	9.76	152	1586786	44.68	ng		100
49) Dimethylphthalate	9.63	163	1353242	49.62	ng	#	98
50) 2,6-Dinitrotoluene	9.68	165	272438	47.53	ng		90
51) Acenaphthene	9.93	154	1025341	46.67	ng		98
52) 3-Nitroaniline	9.85	138	301836	46.99	ng		90
53) 2,4-Dinitrophenol	9.95	184	176273	64.27	ng	#	22
54) Dibenzofuran	10.10	168	1327999	43.85	ng		96
55) 4-Nitrophenol	10.01	139	267998	56.89	ng		93
56) 2,4-Dinitrotoluene	10.09	165	404688	52.39	ng	#	66
57) Fluorene	10.44	166	1063368	42.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	313929	48.85	ng	#	89
59) Diethylphthalate	10.33	149	1320552	49.44	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	588279	49.37	ng		97
61) 4-Nitroaniline	10.46	138	333791	51.42	ng	#	84
62) Azobenzene	10.60	77	1427350	51.88	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	216070	49.28	ng	#	53
65) n-Nitrosodiphenylamine	10.56	169	1044283	43.48	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	336500	42.82	ng	#	69
67) Hexachlorobenzene	10.99	284	380559	44.05	ng	#	88
68) Atrazine	11.08	200	288774	38.61	ng		96
69) Pentachlorophenol	11.18	266	272073	54.75	ng		98
70) Phenanthrene	11.40	178	1704163	43.44	ng		99
71) Anthracene	11.46	178	1853177	46.24	ng		98
72) Carbazole	11.61	167	1662041	45.83	ng		99
73) Di-n-butylphthalate	11.95	149	2056100	48.15	ng	#	97
74) Fluoranthene	12.59	202	1941104	46.72	ng		98
76) Benzidine	12.70	184	895689	42.81	ng		98
77) Pyrene	12.82	202	1967001	48.03	ng		100
79) Butylbenzylphthalate	13.44	149	806039	46.37	ng		94
80) Benzo(a)anthracene	14.01	228	1647133	43.36	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	664331	50.93	ng	#	97
82) Chrysene	14.04	228	1456414	42.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1141267	46.54	ng		99
84) Di-n-octyl phthalate	14.64	149	1943611	47.76	ng		96
85) Indeno(1,2,3-cd)pyrene	16.85	276	1350611	46.51	ng		99
87) Benzo(b)fluoranthene	15.05	252	1400286	44.76	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1433564m	50.43	ng		
89) Benzo(a)pyrene	15.40	252	1318995	48.27	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	1119491	49.26	ng		98
91) Benzo(g,h,i)perylene	17.28	276	1057341	48.46	ng		99

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

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