Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083343.D
Acq On : 30 Nov 2015 19:37
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:51 PM

Quant Time: Dec 01 00:50:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 00:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	161873m	20.00	ng		0.01
21) Naphthalene-d8	7.84	136	612829	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	309475	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	597176	20.00	ng		0.00
75) Chrysene-d12	14.76	240	527070	20.00	ng		0.00
86) Perylene-d12	16.82	264	376255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1053014	95.04	ng		0.00
7) Phenol-d6	6.22	99	1408416	96.40	ng		0.00
23) Nitrobenzene-d5	7.13	82	1311641	94.55	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	315434	109.29	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1978760	91.32	ng		0.00
78) Terphenyl-d14	13.23	244	2116971	82.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	279705	179.78	ng		99
3) Pyridine	2.56	79	789495	56.37	ng		99
4) n-Nitrosodimethylamine	2.52	42	379188	52.82	ng		98
6) Aniline	6.21	93	967294	48.55	ng		100
8) 2-Chlorophenol	6.34	128	581794	48.65	ng		95
9) Benzaldehyde	6.09	77	324347	42.47	ng		99
10) Phenol	6.24	94	897115	51.00	ng		94
11) bis(2-Chloroethyl)ether	6.30	93	644853	49.54	ng		90
12) 1,3-Dichlorobenzene	6.49	146	633278m	48.26	ng		
13) 1,4-Dichlorobenzene	6.57	146	656834m	47.96	ng		
14) 1,2-Dichlorobenzene	6.73	146	591721	46.91	ng		98
15) Benzyl Alcohol	6.72	79	562243	49.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	1119814	49.43	ng		96
17) 2-Methylphenol	6.84	107	474797	48.59	ng		98
18) Hexachloroethane	7.06	117	231249	47.50	ng		98
19) n-Nitroso-di-n-propylamine	6.99	70	523200	50.30	ng		93
20) 3+4-Methylphenols	7.00	107	640198	48.36	ng		98
22) Acetophenone	6.98	105	903939	49.56	ng	#	96
24) Nitrobenzene	7.15	77	783307	52.13	ng		96
25) Isophorone	7.39	82	1313869	48.90	ng		98
26) 2-Nitrophenol	7.47	139	300328	48.66	ng	#	69
27) 2,4-Dimethylphenol	7.53	122	549032	53.50	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	712564	47.15	ng		99
29) 2,4-Dichlorophenol	7.71	162	479975	48.96	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	539551	50.69	ng		99
31) Naphthalene	7.86	128	1556224	46.28	ng		100
32) Benzoic acid	7.69	122	381456	70.20	ng		93
33) 4-Chloroaniline	7.93	127	741093	52.99	ng		97
34) Hexachlorobutadiene	7.98	225	292963	47.99	ng		97
35) Caprolactam	8.32	113	152177	53.90	ng		96
36) 4-Chloro-3-methylphenol	8.43	107	573506	53.10	ng		92
37) 2-Methylnaphthalene	8.56	142	1105122	50.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	465246	46.31	ng		99
40) Hexachlorocyclopentadiene	8.72	237	249590	56.98	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	354502	51.04	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	368340	51.73	ng		98
45) 1,1'-Biphenyl	9.02	154	1379502	49.91	ng		98
46) 2-Chloronaphthalene	9.04	162	987523	47.31	ng		99
47) 2-Nitroaniline	9.15	65	452086	55.40	ng		89
48) Acenaphthylene	9.45	152	1592304	49.04	ng		99
49) Dimethylphthalate	9.34	163	1258689	54.21	ng		97
50) 2,6-Dinitrotoluene	9.39	165	252145	47.76	ng		84
51) Acenaphthene	9.62	154	917242	48.55	ng		99
52) 3-Nitroaniline	9.56	138	294605	47.63	ng		94
53) 2,4-Dinitrophenol	9.66	184	152058	81.54	ng	#	82
54) Dibenzofuran	9.79	168	1366894	50.49	ng		99
55) 4-Nitrophenol	9.76	139	208018	65.60	ng	#	65
56) 2,4-Dinitrotoluene	9.79	165	347408	53.42	ng		89
57) Fluorene	10.13	166	1014166	46.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	293991	52.96	ng		99
59) Diethylphthalate	10.03	149	1104682	48.58	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	480283	47.10	ng		94
61) 4-Nitroaniline	10.18	138	304988	53.31	ng		94
62) Azobenzene	10.29	77	1417084	49.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	207170	58.68	ng	#	75
65) n-Nitrosodiphenylamine	10.26	169	997104	45.74	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	330165	49.44	ng	#	93
67) Hexachlorobenzene	10.70	284	361108	47.81	ng	#	94
68) Atrazine	10.83	200	298020	51.01	ng		95
69) Pentachlorophenol	10.92	266	203607	60.22	ng		99
70) Phenanthrene	11.16	178	1724985	49.13	ng		98
71) Anthracene	11.22	178	1671949	46.17	ng		99
72) Carbazole	11.41	167	1494774	48.92	ng		98
73) Di-n-butylphthalate	11.86	149	1820468	50.21	ng		100
74) Fluoranthene	12.67	202	1804692	54.49	ng		94
76) Benzidine	12.87	184	771775	42.12	ng		97
77) Pyrene	12.98	202	1875779	43.82	ng		99
79) Butylbenzylphthalate	13.96	149	809881	49.76	ng		99
80) Benzo(a)anthracene	14.74	228	1578026	47.28	ng		99
81) 3,3'-Dichlorobenzidine	14.74	252	512766	49.18	ng	#	97
82) Chrysene	14.80	228	1526554	47.83	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1040642	50.67	ng		100
84) Di-n-octyl phthalate	15.85	149	1562050	47.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1121177	32.72	ng	#	100
87) Benzo(b)fluoranthene	16.31	252	1191996	45.65	ng		100
88) Benzo(k)fluoranthene	16.35	252	1122218	57.16	ng		98
89) Benzo(a)pyrene	16.75	252	1031437	50.23	ng		98
90) Dibenzo(a,h)anthracene	18.23	278	939265	42.25	ng		98
91) Benzo(g,h,i)perylene	18.58	276	926970	41.40	ng		97

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

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