Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081774.D
Acq On : 24 Sep 2015 20:27
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:36:34 PM

Quant Time: Sep 25 03:44:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 02:42:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	137732	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	544839	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	278126	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	509894	20.00	ng		0.00
75) Chrysene-d12	14.12	240	352596	20.00	ng		0.00
86) Perylene-d12	15.58	264	301521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	878080	99.43	ng		0.00
7) Phenol-d6	6.57	99	1172214	102.20	ng		0.00
23) Nitrobenzene-d5	7.52	82	988844	91.88	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	316378	129.43	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1759861	85.42	ng		0.00
78) Terphenyl-d14	13.06	244	1759339	116.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	230098	57.94	ng	#	100
3) Pyridine	3.37	79	654724	61.42	ng		98
4) n-Nitrosodimethylamine	3.34	42	305839	51.73	ng		98
6) Aniline	6.62	93	857120	52.56	ng		97
8) 2-Chlorophenol	6.73	128	483830	50.29	ng		91
9) Benzaldehyde	6.50	77	300127	42.13	ng		97
10) Phenol	6.59	94	656110	49.53	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	505792	52.65	ng		85
12) 1,3-Dichlorobenzene	6.89	146	569883	54.59	ng		97
13) 1,4-Dichlorobenzene	6.97	146	592915	55.58	ng		99
14) 1,2-Dichlorobenzene	7.13	146	540676m	56.97	ng		
15) Benzyl Alcohol	7.10	79	480005	51.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	842421	45.77	ng		99
17) 2-Methylphenol	7.20	107	418795	54.27	ng		97
18) Hexachloroethane	7.46	117	200549	49.98	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	382493	48.42	ng		92
20) 3+4-Methylphenols	7.36	107	510356	49.59	ng	#	82
22) Acetophenone	7.37	105	711647	50.20	ng	#	87
24) Nitrobenzene	7.54	77	553512	48.97	ng	#	87
25) Isophorone	7.78	82	1078343	52.64	ng		94
26) 2-Nitrophenol	7.85	139	211706	43.52	ng		95
27) 2,4-Dimethylphenol	7.89	122	465335	54.54	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	556989	47.67	ng		99
29) 2,4-Dichlorophenol	8.09	162	432650	56.64	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	502955	60.83	ng		96
31) Naphthalene	8.26	128	1306857	46.23	ng		100
32) Benzoic acid	7.99	122	143171	27.43	ng		99
33) 4-Chloroaniline	8.31	127	586496	51.51	ng		98
34) Hexachlorobutadiene	8.38	225	282091	55.95	ng		99
35) Caprolactam	8.70	113	131417	57.16	ng		97
36) 4-Chloro-3-methylphenol	8.79	107	492611	59.42	ng		93
37) 2-Methylnaphthalene	8.95	142	964239	52.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	486510	55.92	ng	#	100
40) Hexachlorocyclopentadiene	9.11	237	259384	61.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	334419	55.51	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	347208	57.42	ng	#	83
45) 1,1'-Biphenyl	9.42	154	1055545	41.63	ng		97
46) 2-Chloronaphthalene	9.44	162	910413	50.73	ng		97
47) 2-Nitroaniline	9.54	65	314793	44.99	ng	#	68
48) Acenaphthylene	9.86	152	1607491	49.69	ng		97
49) Dimethylphthalate	9.73	163	1230288	58.03	ng		99
50) 2,6-Dinitrotoluene	9.78	165	251834	52.90	ng	#	57
51) Acenaphthene	10.03	154	922806	50.05	ng		99
52) 3-Nitroaniline	9.95	138	306139	56.91	ng		90
53) 2,4-Dinitrophenol	10.05	184	31951	18.11	ng	#	60
54) Dibenzofuran	10.21	168	1358750	50.68	ng		94
55) 4-Nitrophenol	10.09	139	189010	55.37	ng	#	79
56) 2,4-Dinitrotoluene	10.18	165	296321	48.84	ng	#	54
57) Fluorene	10.55	166	1019476	51.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	277362	59.10	ng	#	100
59) Diethylphthalate	10.42	149	1182710	53.70	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	473353	49.87	ng		93
61) 4-Nitroaniline	10.57	138	294746	53.28	ng		97
62) Azobenzene	10.70	77	1156672	48.06	ng		94
64) 4,6-Dinitro-2-methylphenol	10.59	198	83024	33.51	ng	#	63
65) n-Nitrosodiphenylamine	10.65	169	948767	52.39	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	329727	62.08	ng	#	91
67) Hexachlorobenzene	11.09	284	313475	56.80	ng	#	91
68) Atrazine	11.18	200	270103	50.32	ng		98
69) Pentachlorophenol	11.28	266	196441	88.93	ng		98
70) Phenanthrene	11.51	178	1583726	56.39	ng		98
71) Anthracene	11.55	178	1409402	48.95	ng		100
72) Carbazole	11.71	167	1493684	55.11	ng		98
73) Di-n-butylphthalate	12.03	149	1717432	53.65	ng		100
74) Fluoranthene	12.70	202	1680230	55.48	ng		92
76) Benzidine	12.81	184	684537	46.34	ng		98
77) Pyrene	12.93	202	1675694	65.21	ng		99
79) Butylbenzylphthalate	13.54	149	765496	67.96	ng	#	74
80) Benzo(a)anthracene	14.10	228	1318822	60.00	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	433623	57.67	ng	#	99
82) Chrysene	14.15	228	1314460	64.41	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	848845	56.98	ng		100
84) Di-n-octyl phthalate	14.71	149	1330998	55.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	1177813	77.62	ng	#	100
87) Benzo(b)fluoranthene	15.16	252	1012330	49.92	ng	#	96
88) Benzo(k)fluoranthene	15.19	252	1036085m	57.66	ng		
89) Benzo(a)pyrene	15.52	252	934924	52.05	ng	#	97
90) Dibenzo(a,h)anthracene	17.08	278	942343	65.97	ng		98
91) Benzo(g,h,i)perylene	17.50	276	996771	71.87	ng		98

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

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